

FIG. 1

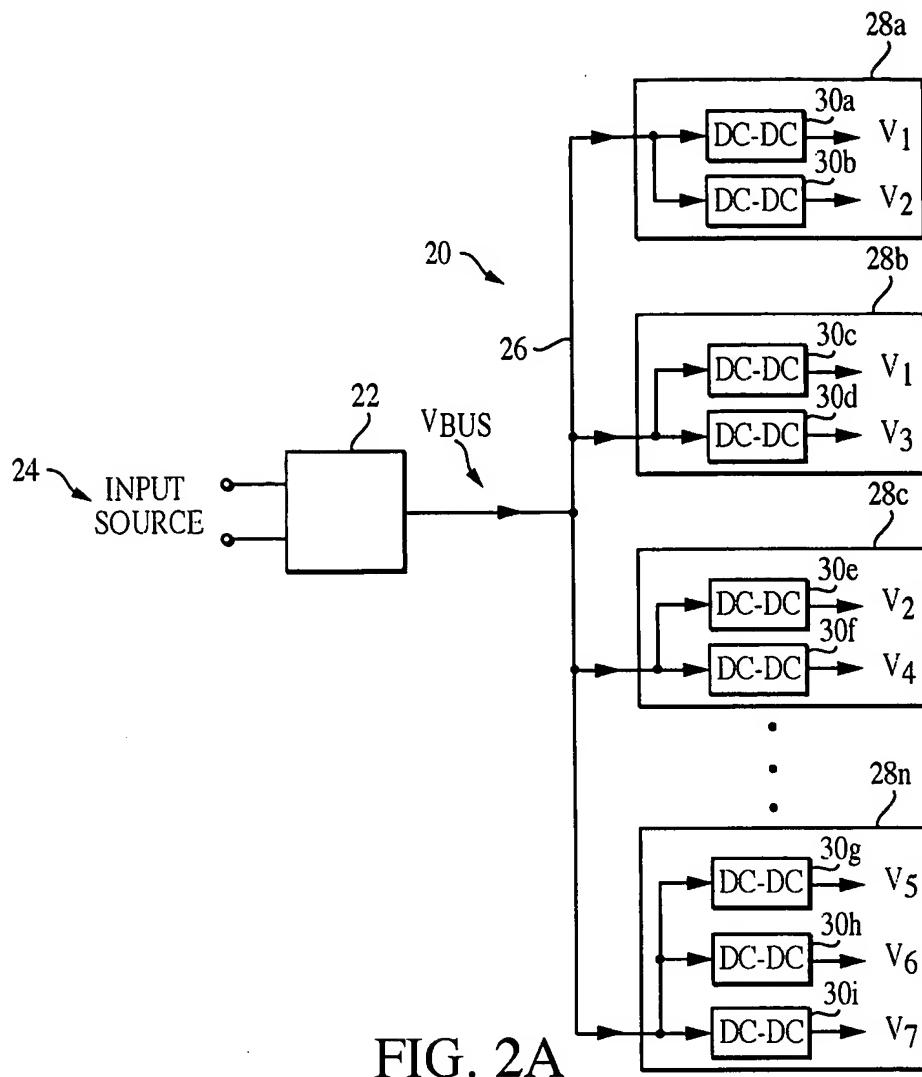


FIG. 2A

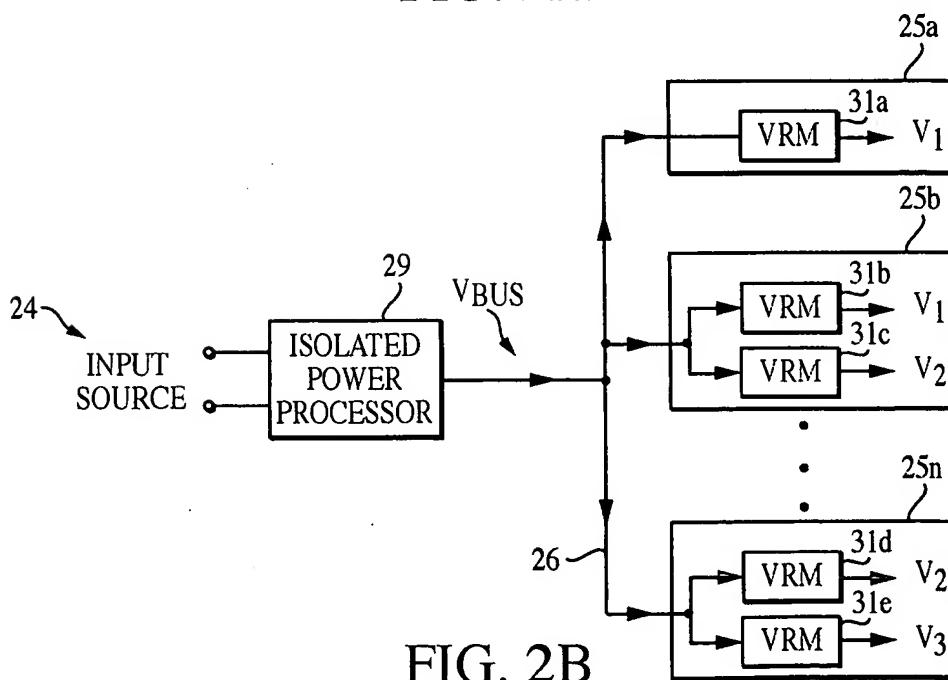


FIG. 2B

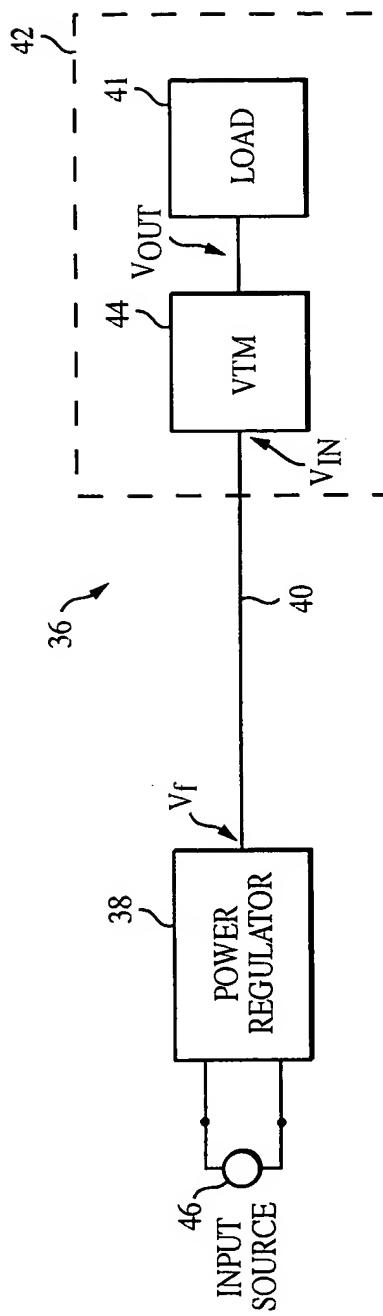


FIG. 3A

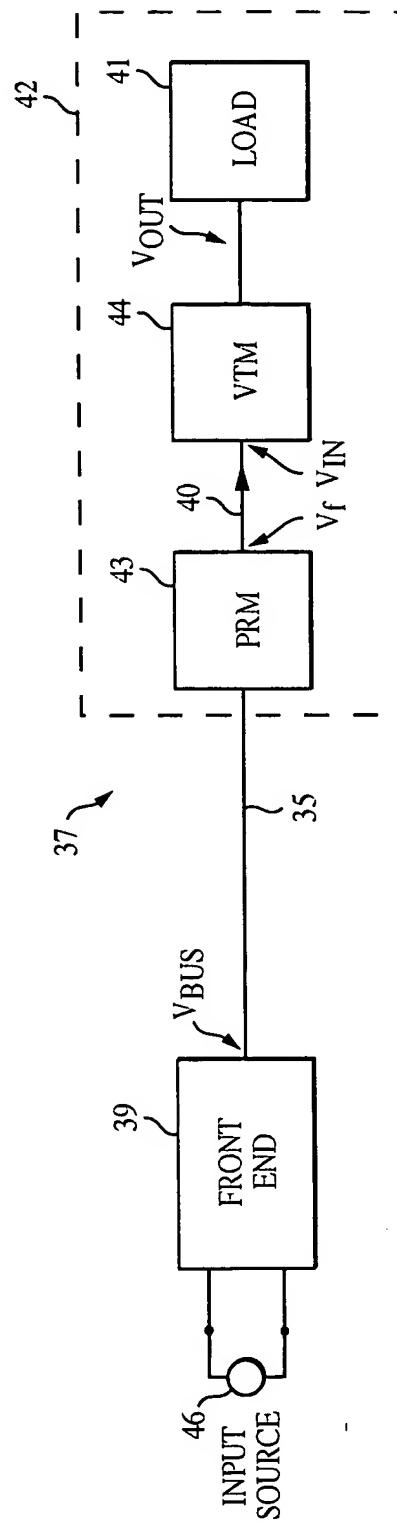


FIG. 3B

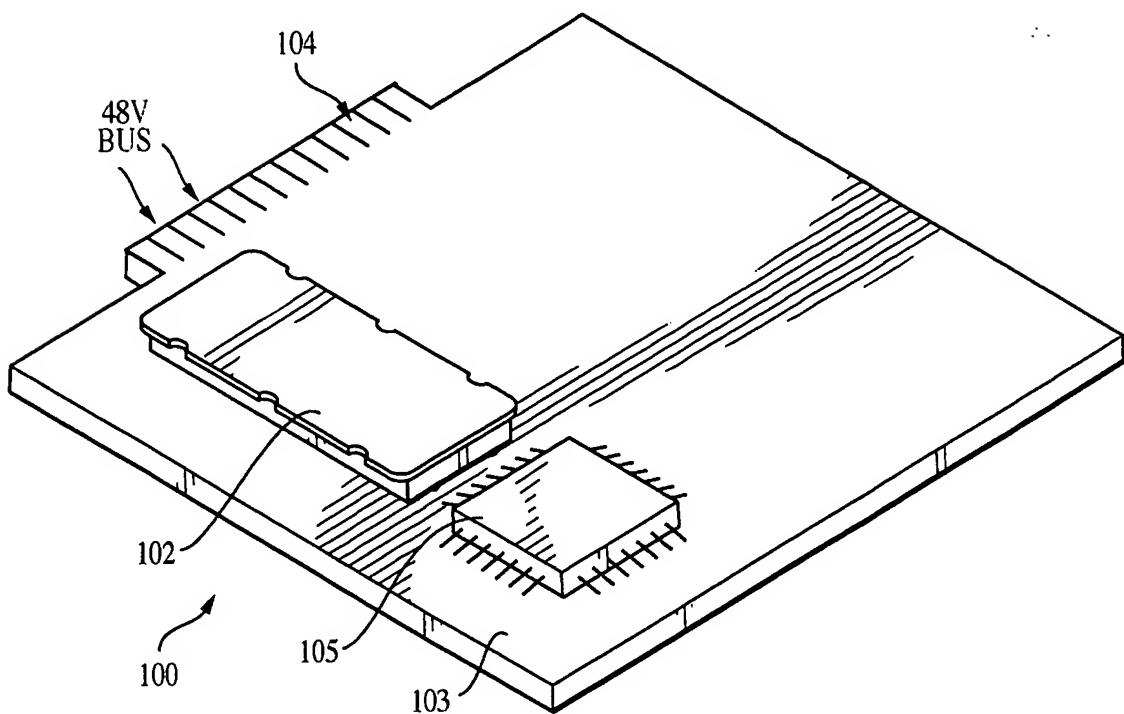


FIG. 4A

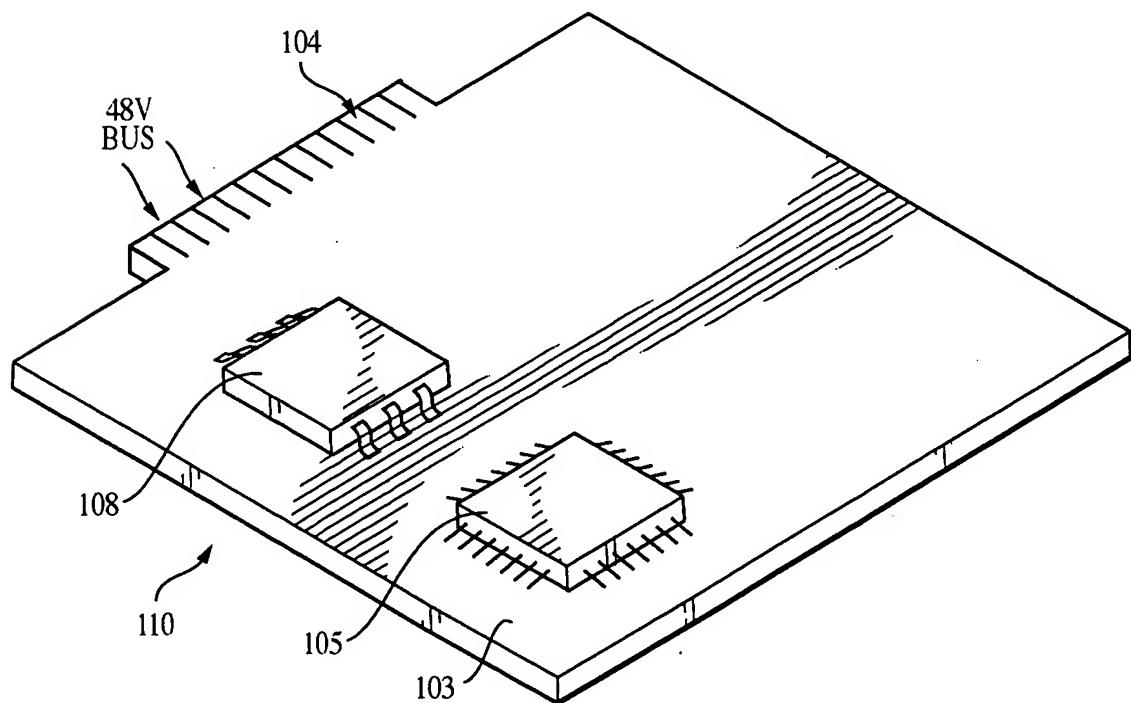


FIG. 4B

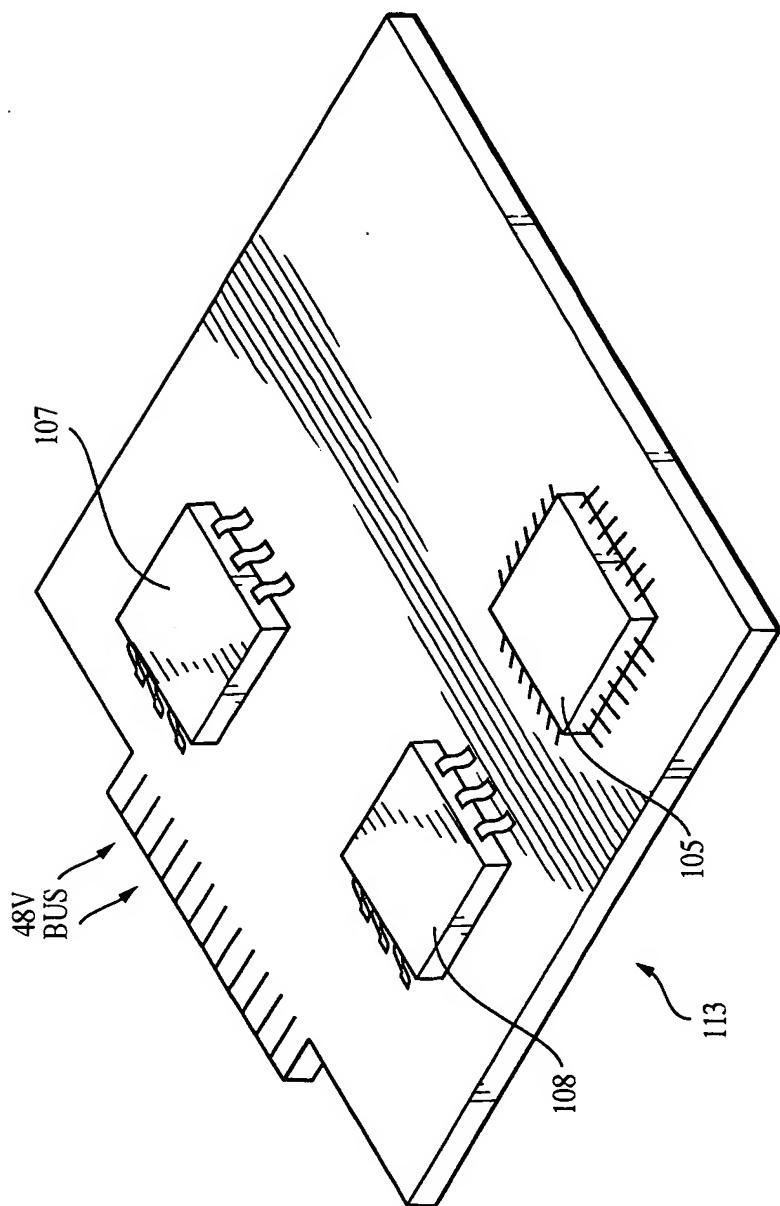


FIG. 4C

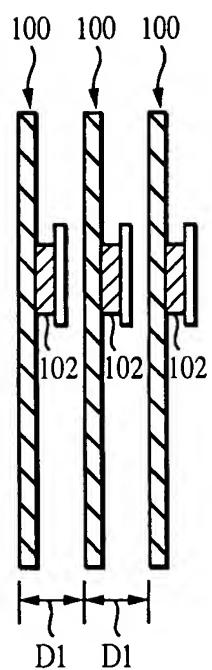


FIG. 5A

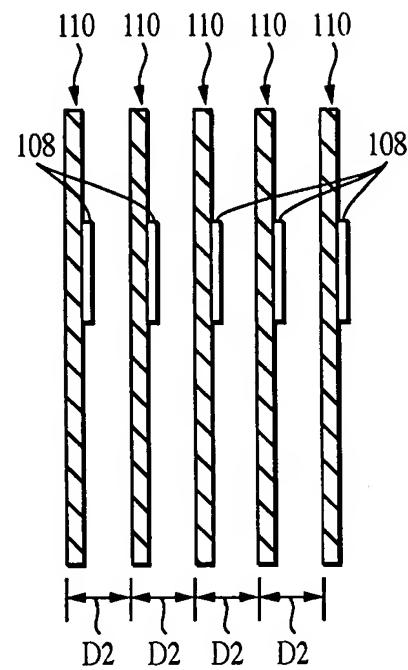


FIG. 5B

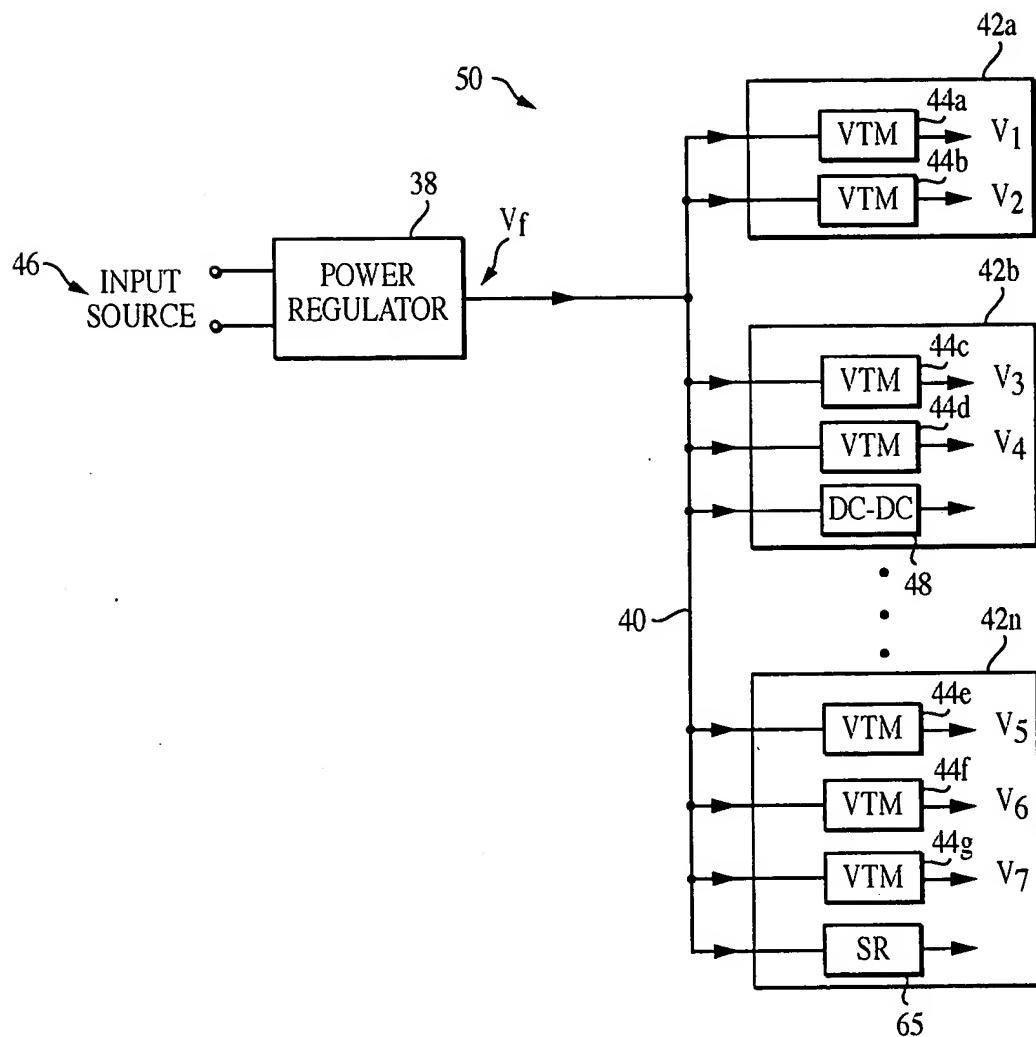


FIG. 6

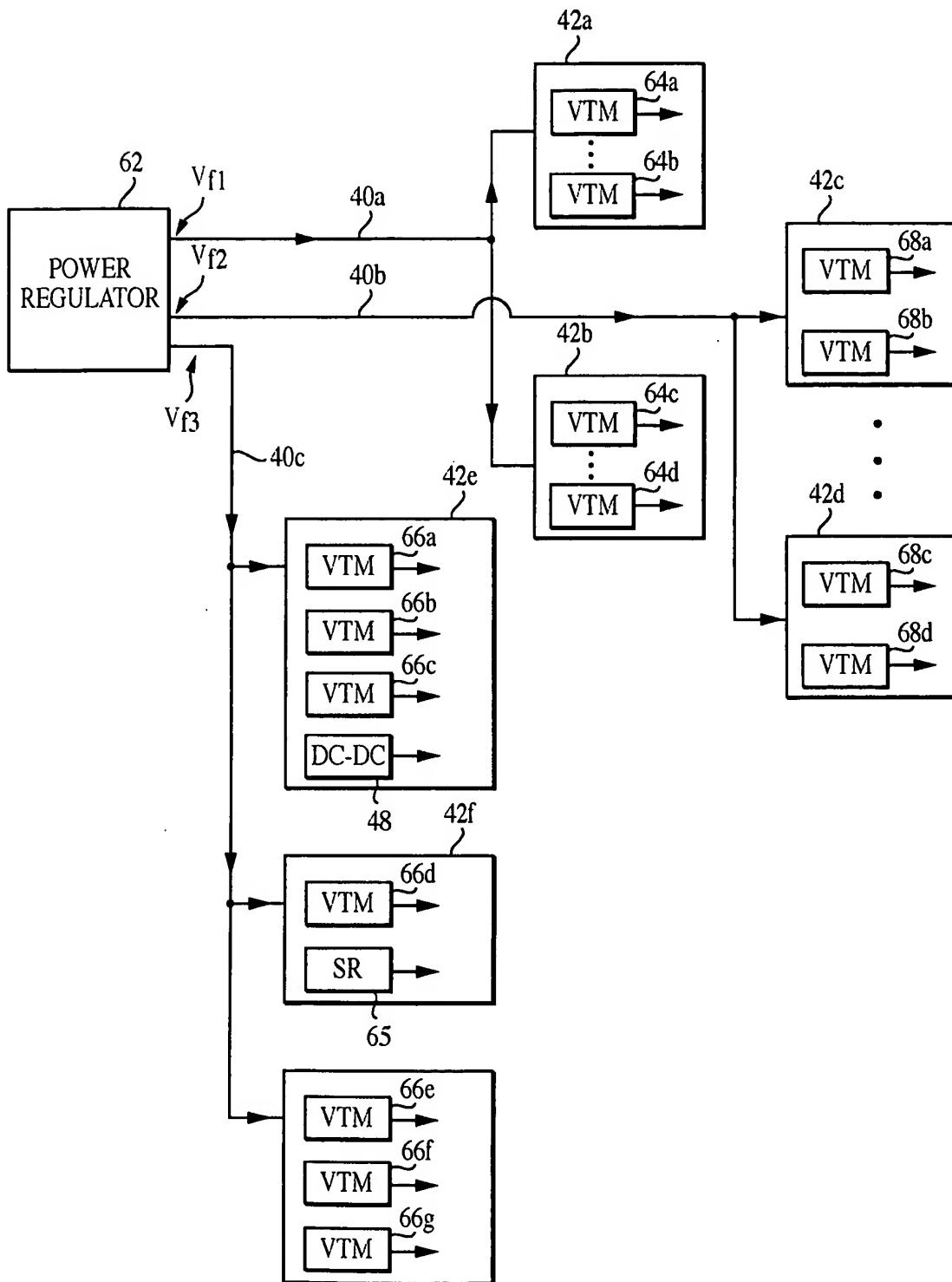


FIG. 7

FIG. 8A

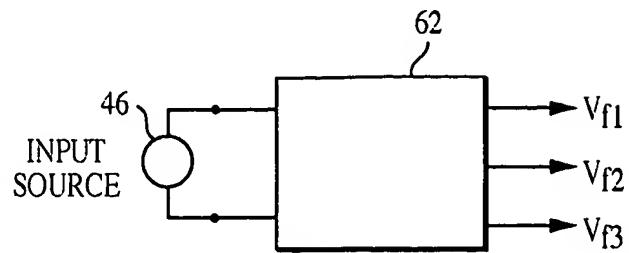


FIG. 8B

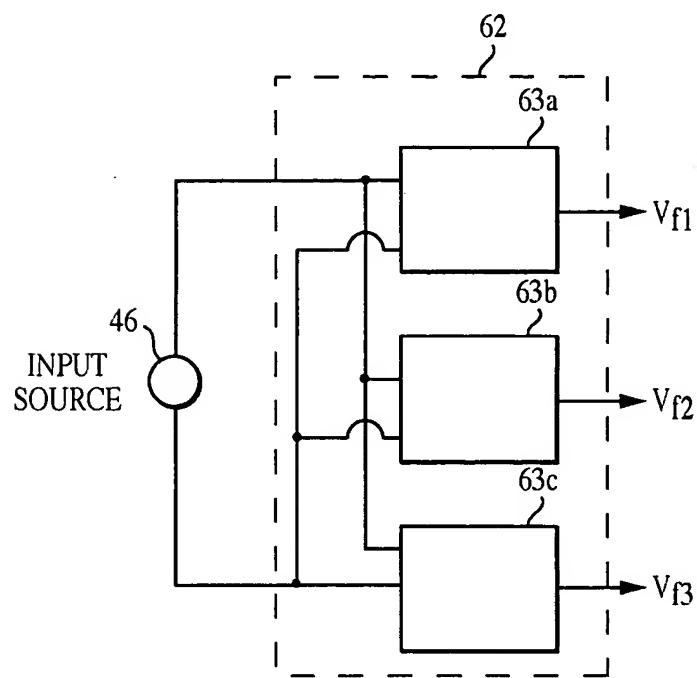
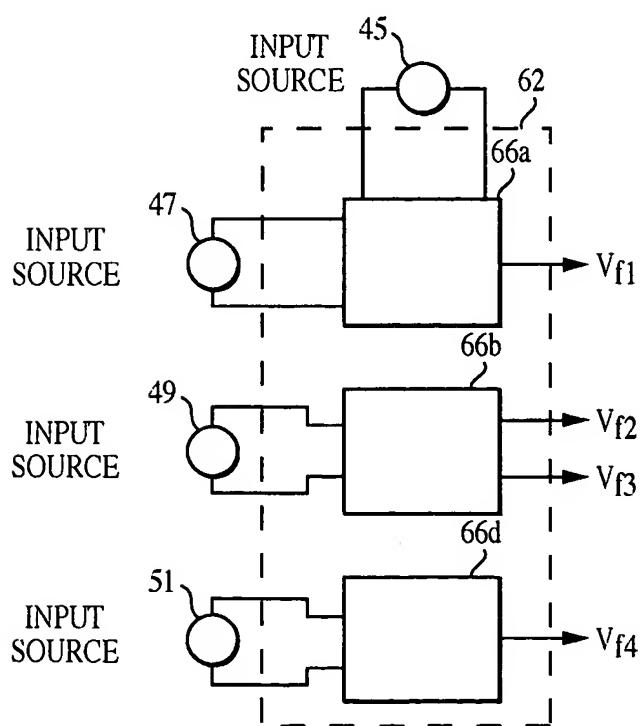


FIG. 8C



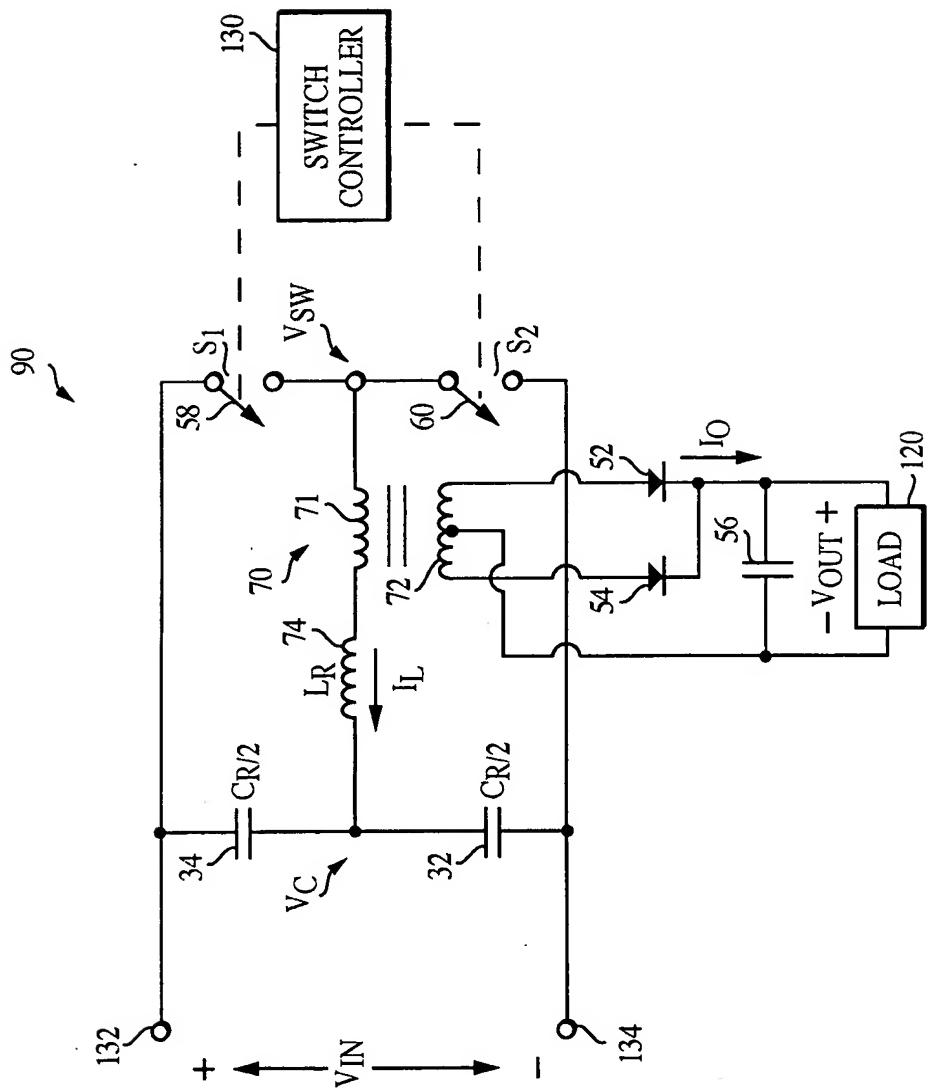
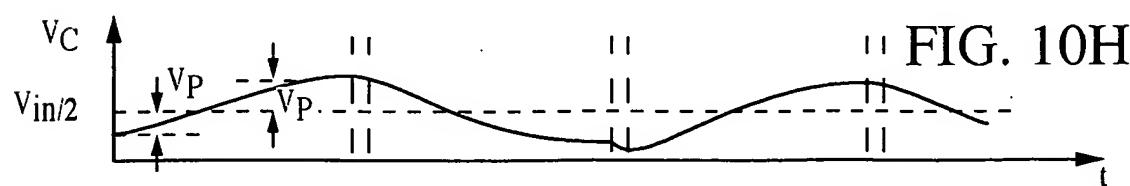
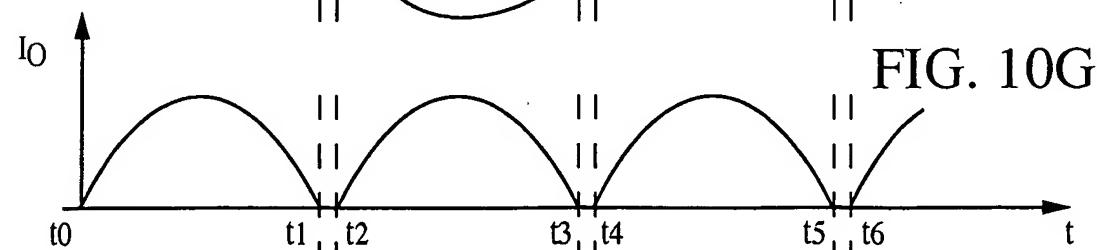
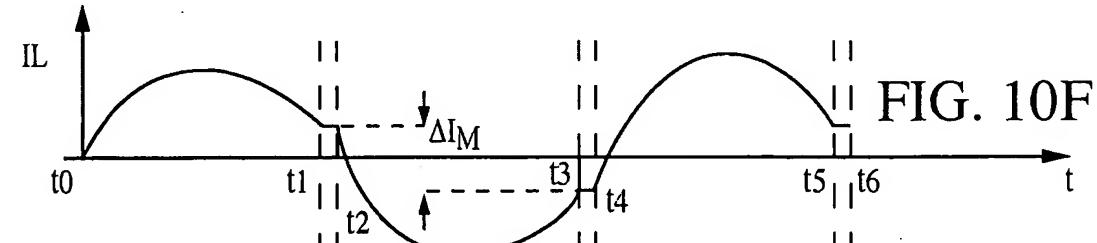
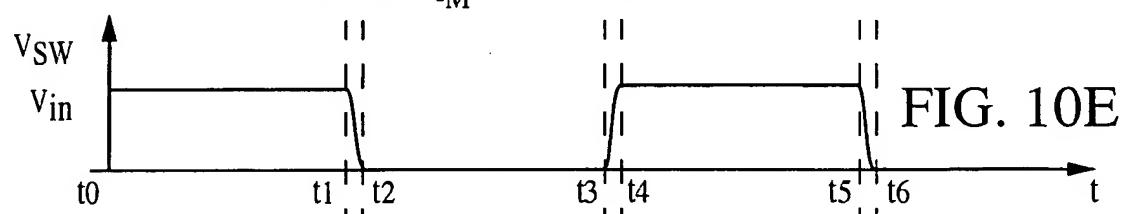
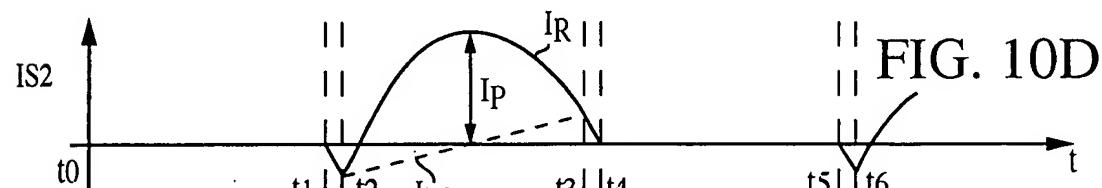
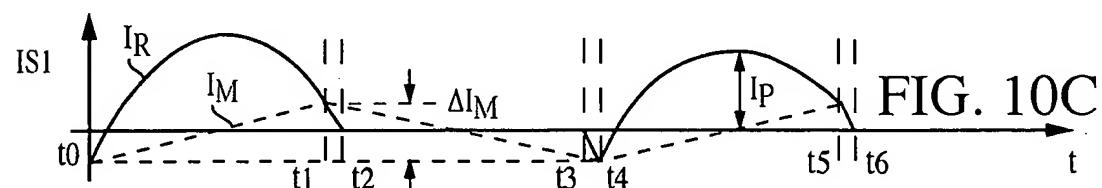
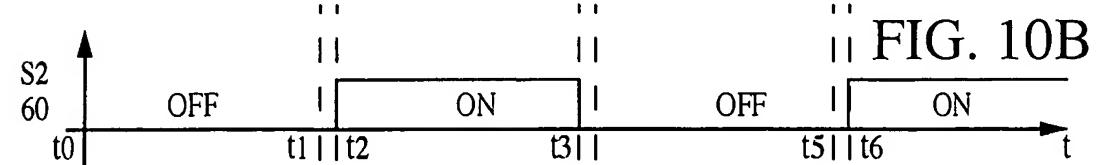
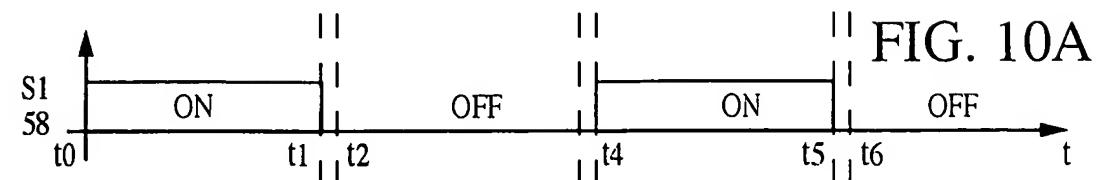


FIG. 9



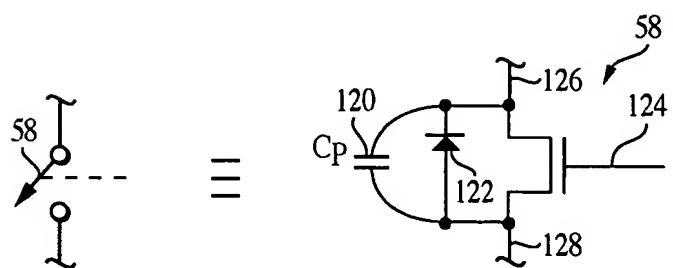


FIG. 11

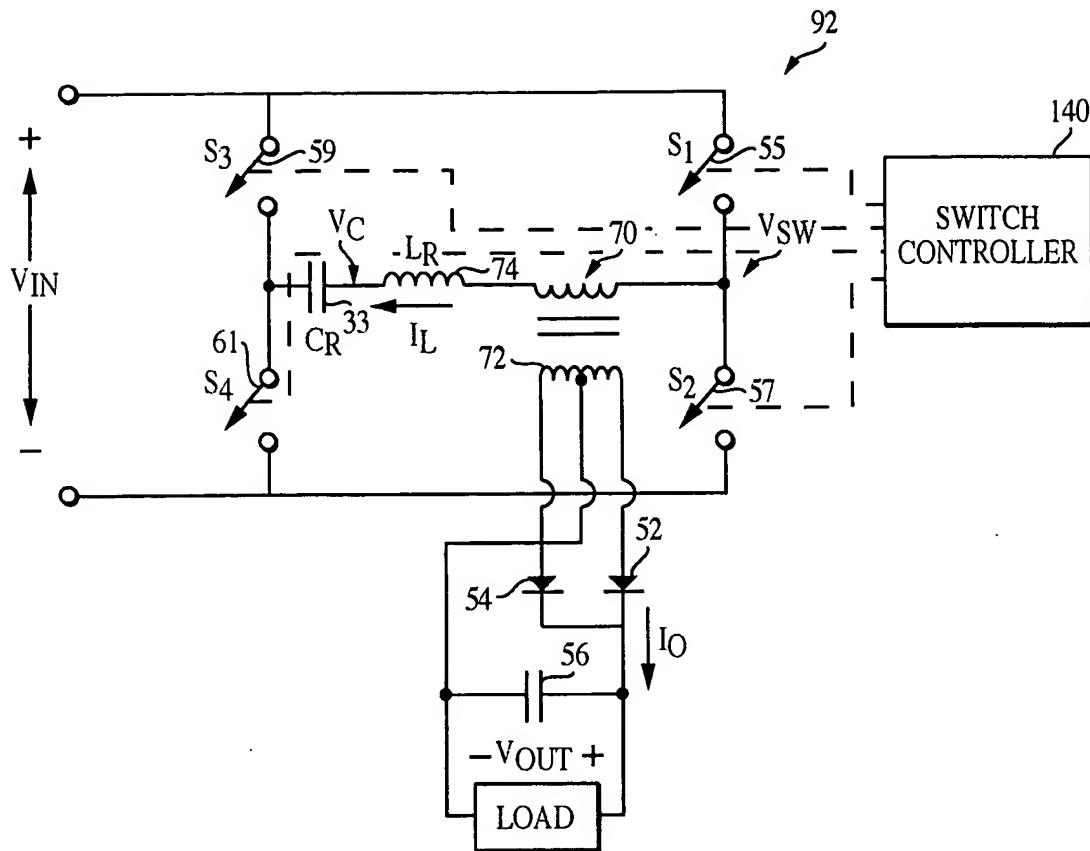


FIG. 12

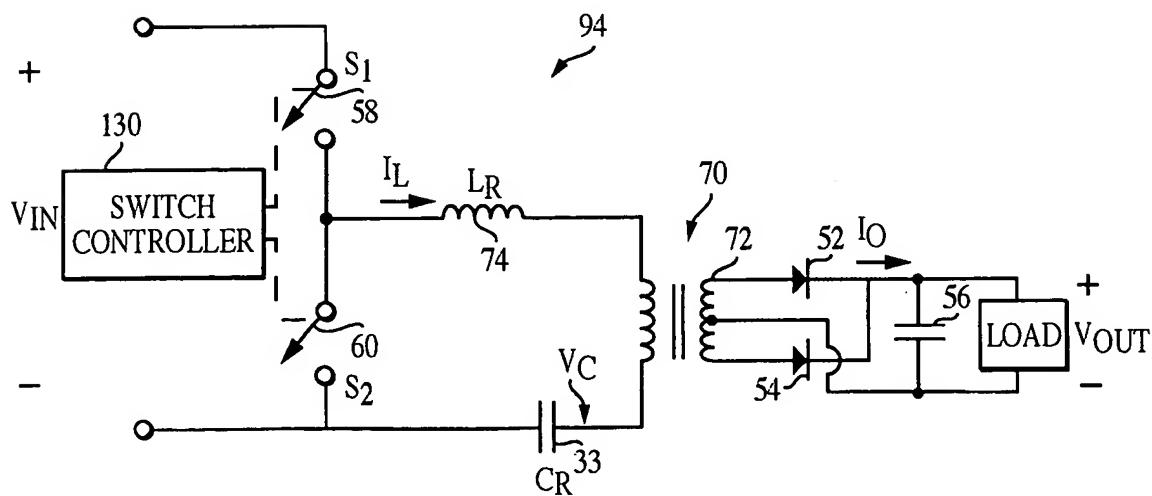


FIG. 13

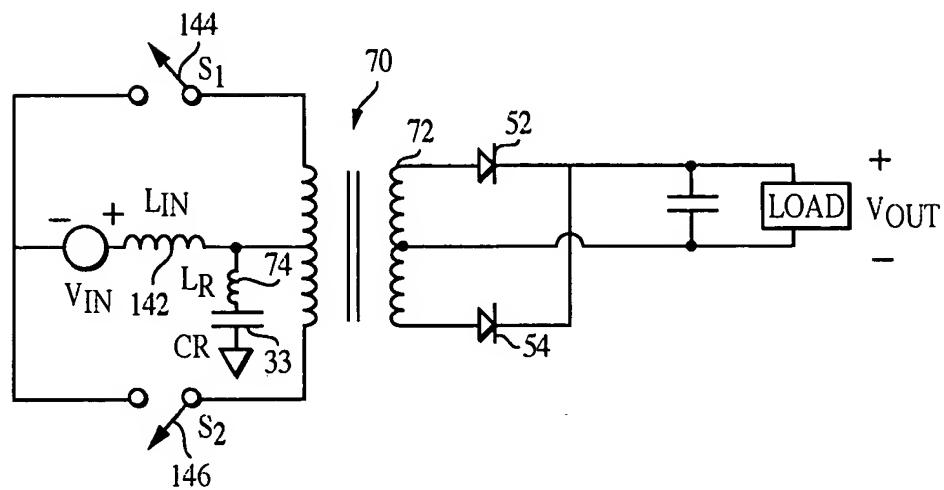


FIG. 14

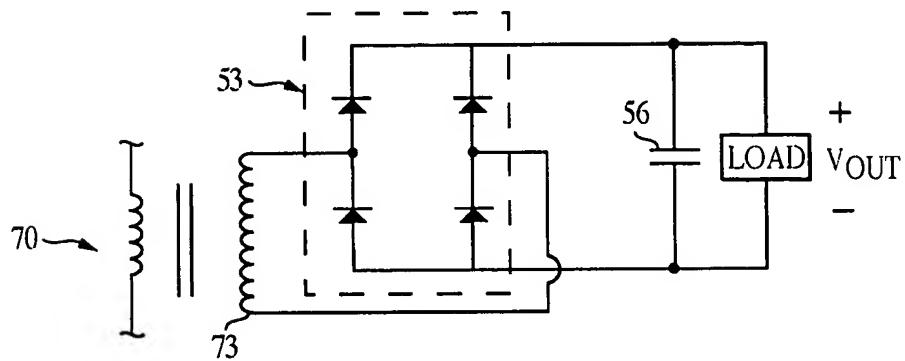


FIG. 15A

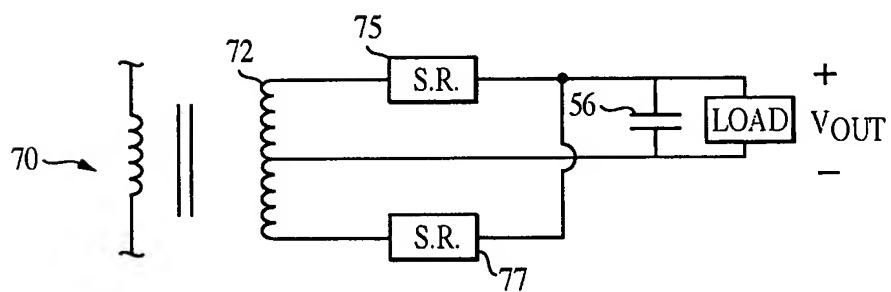


FIG. 15B

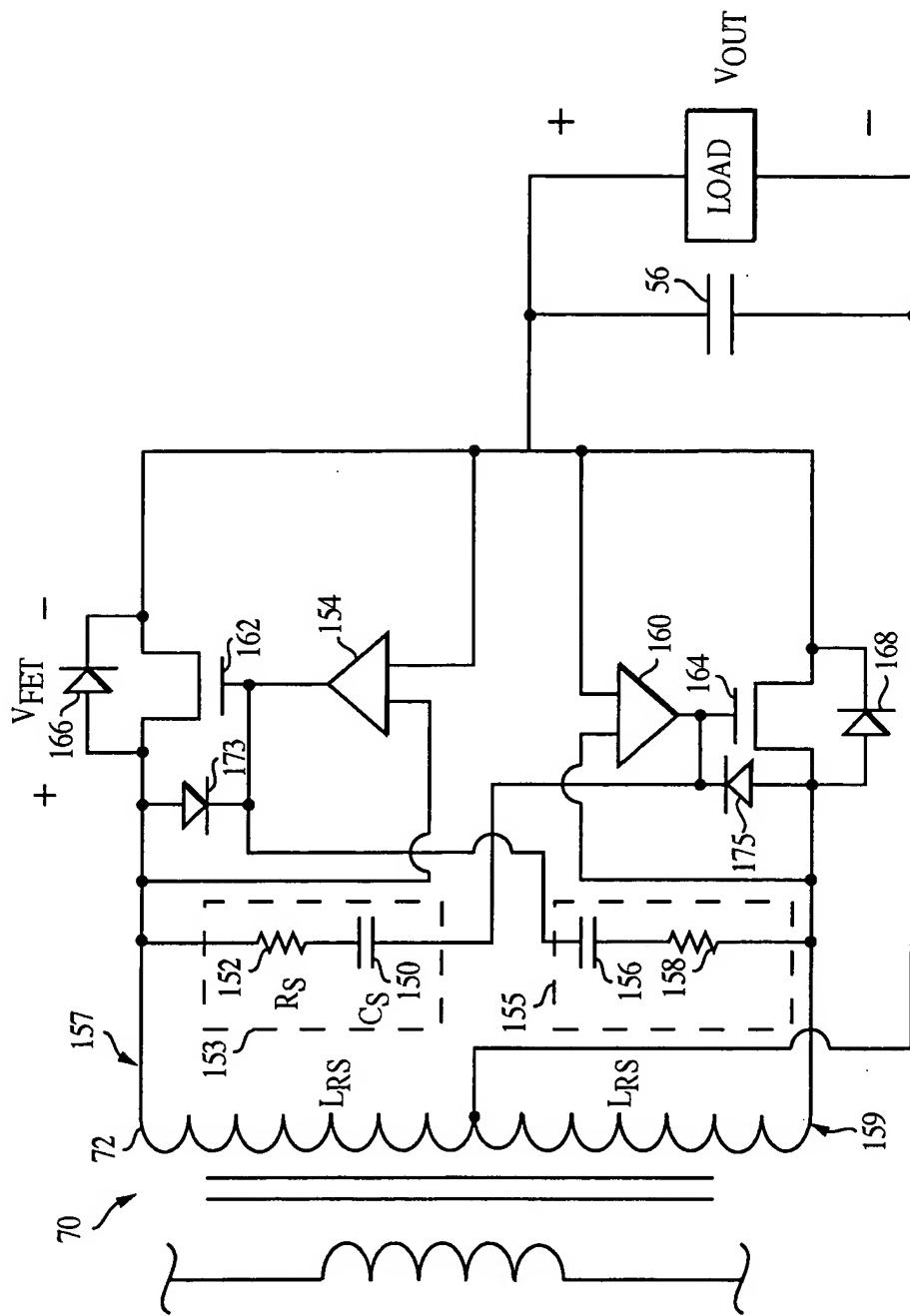


FIG. 15C

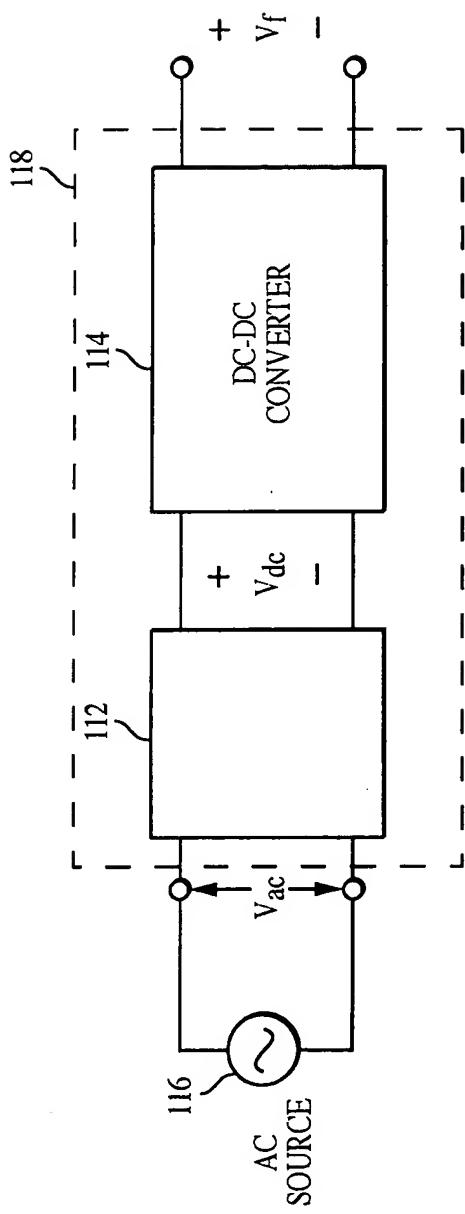


FIG. 16

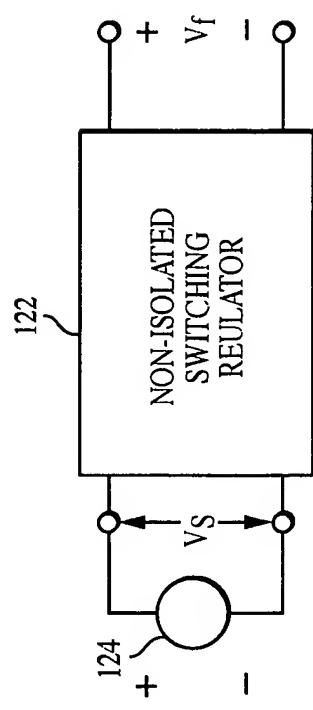


FIG. 17

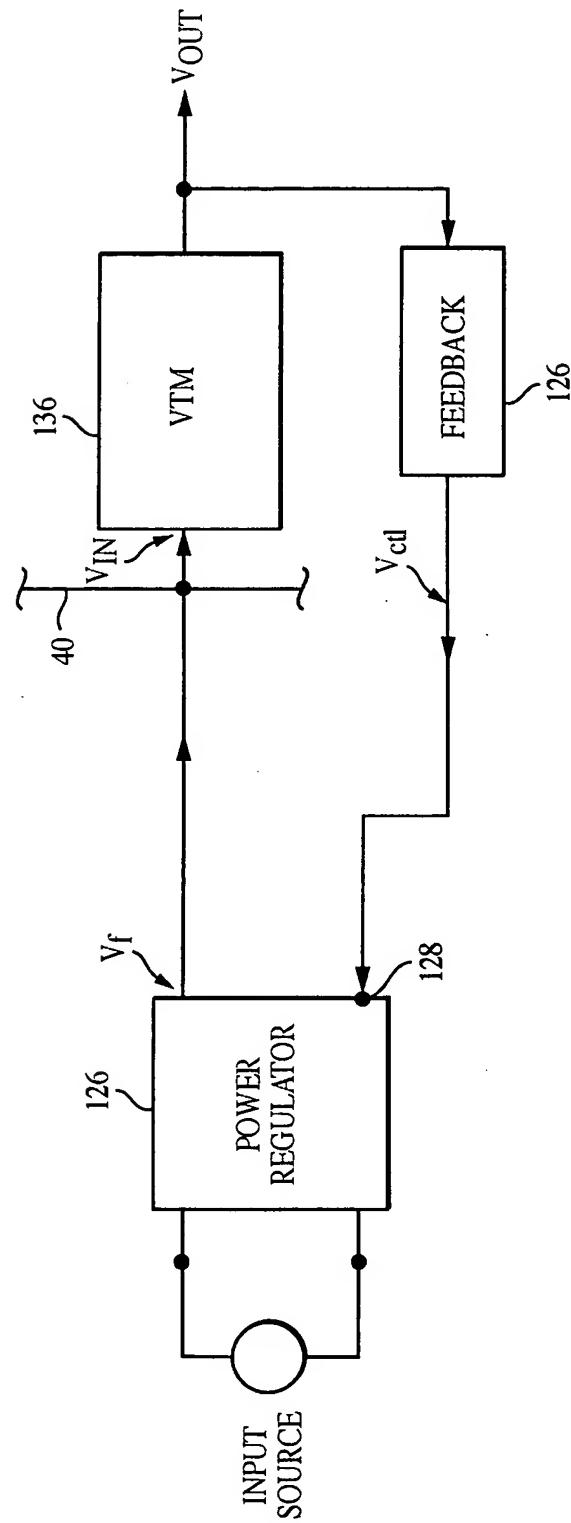


FIG. 18

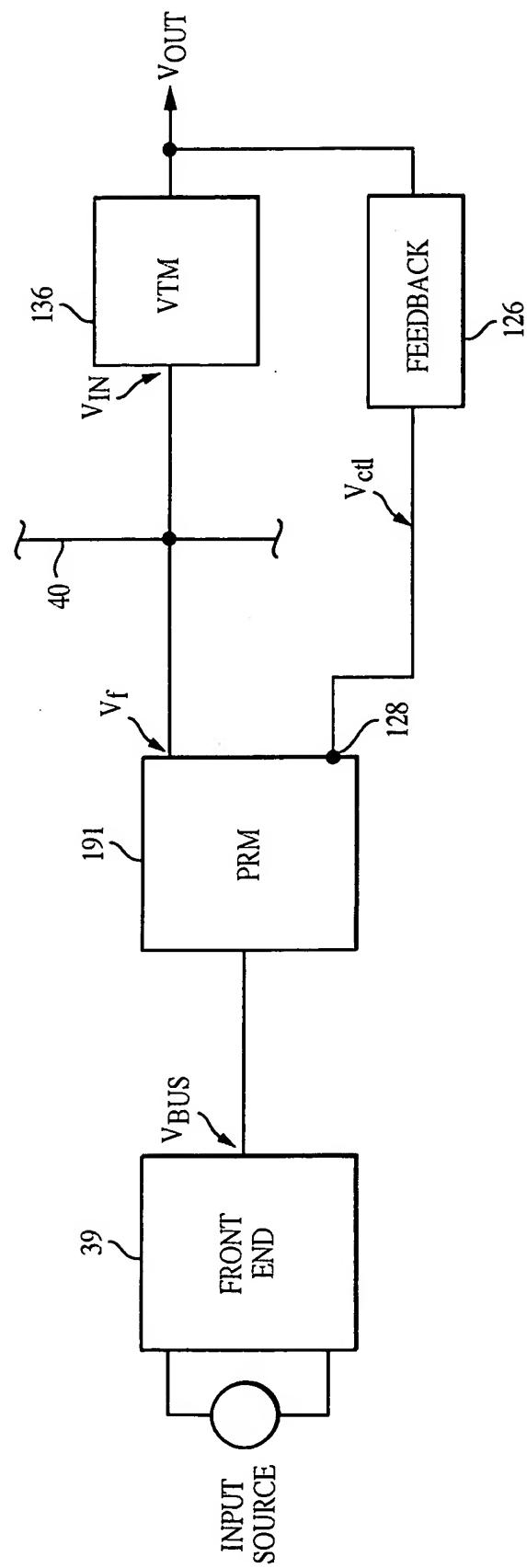


FIG. 19

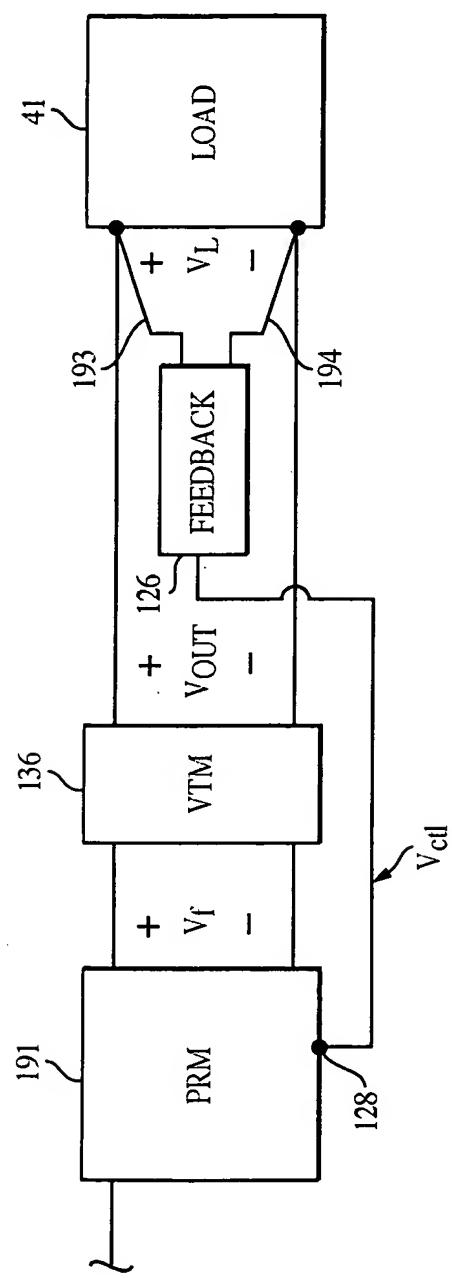


FIG. 20

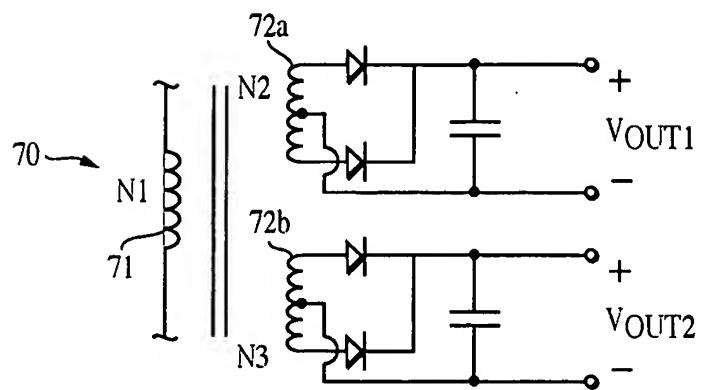


FIG. 21

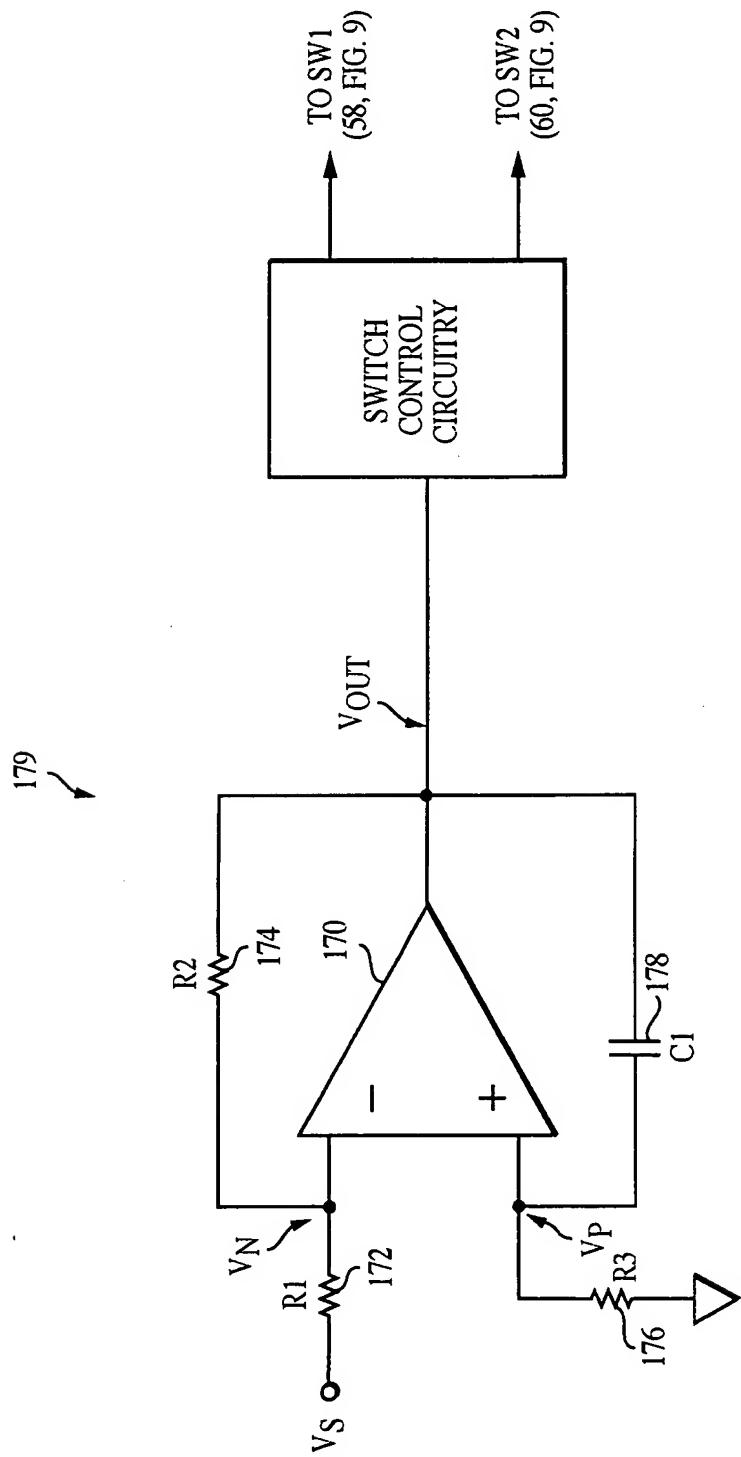
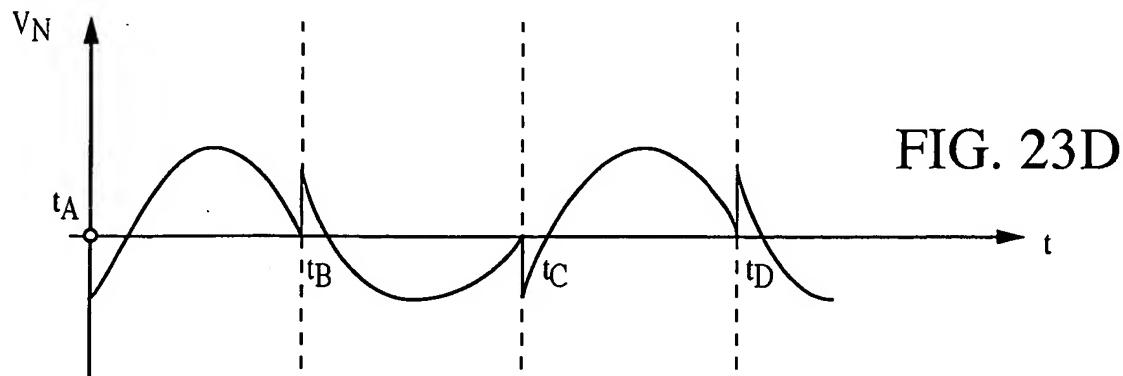
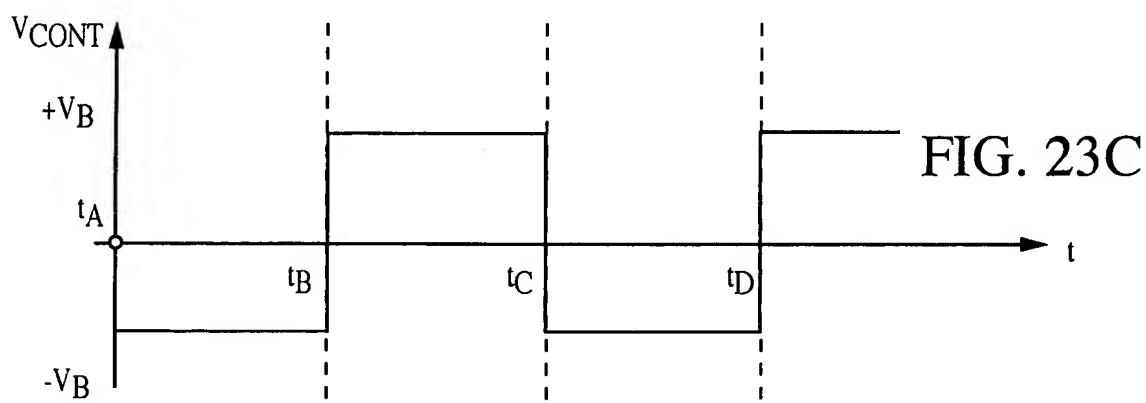
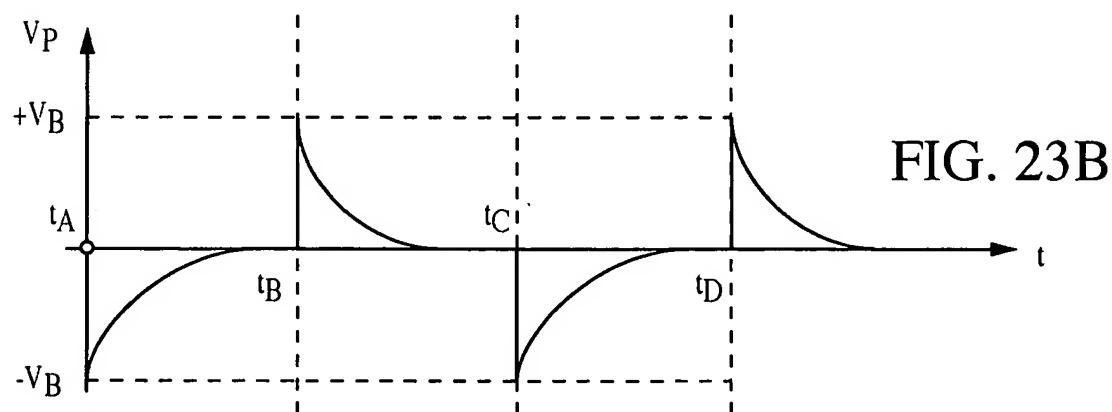
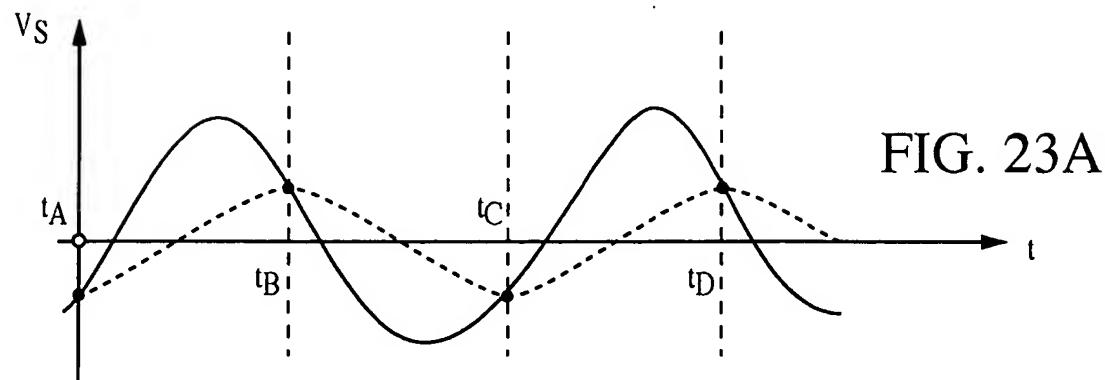


FIG. 22



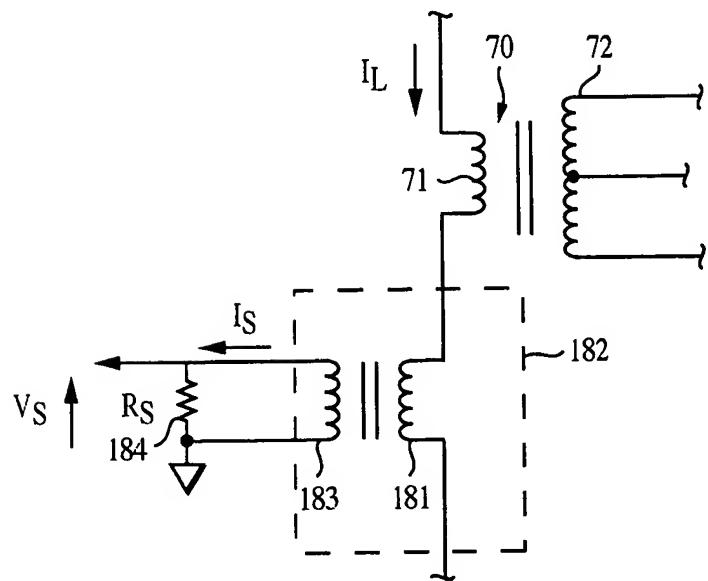


FIG. 24

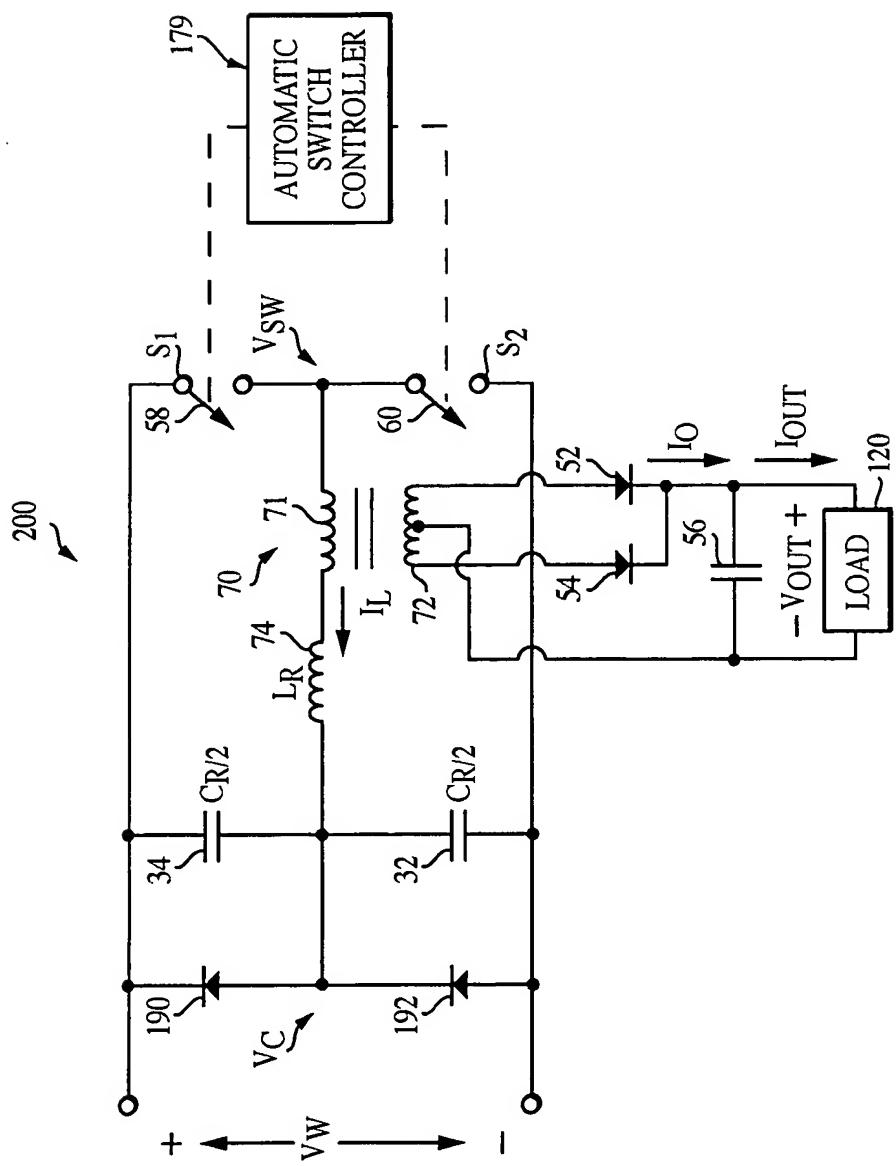


FIG. 25

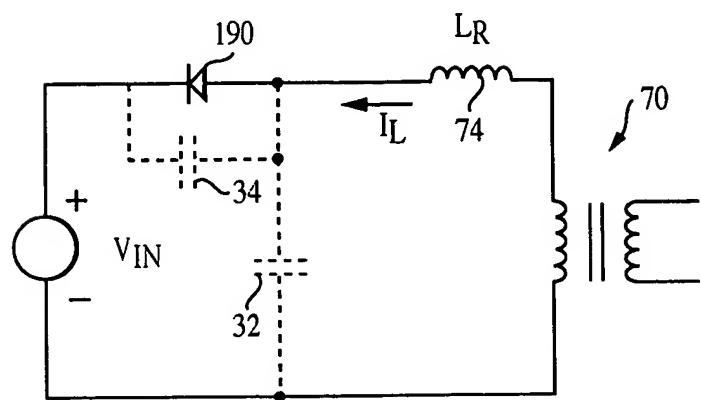


FIG. 26

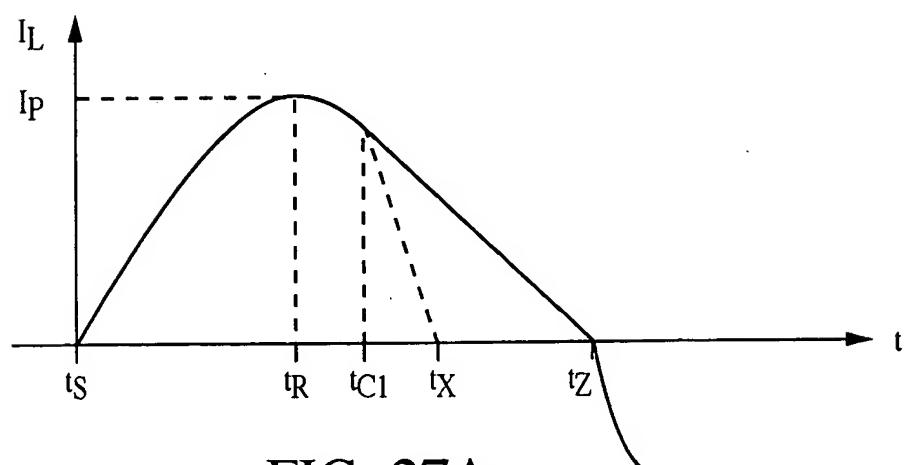


FIG. 27A

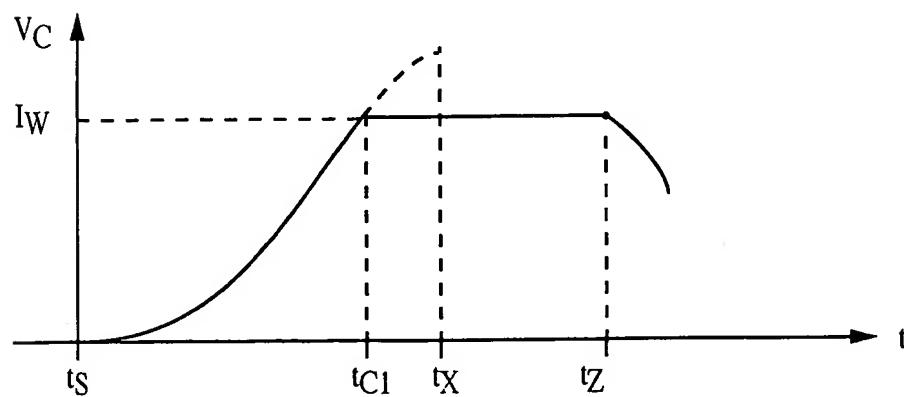


FIG. 27B

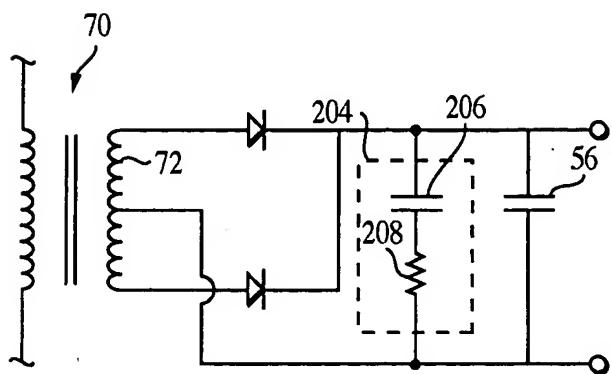


FIG. 28

BUCK REGULATED SINE AMPLITUDE CONVERTER

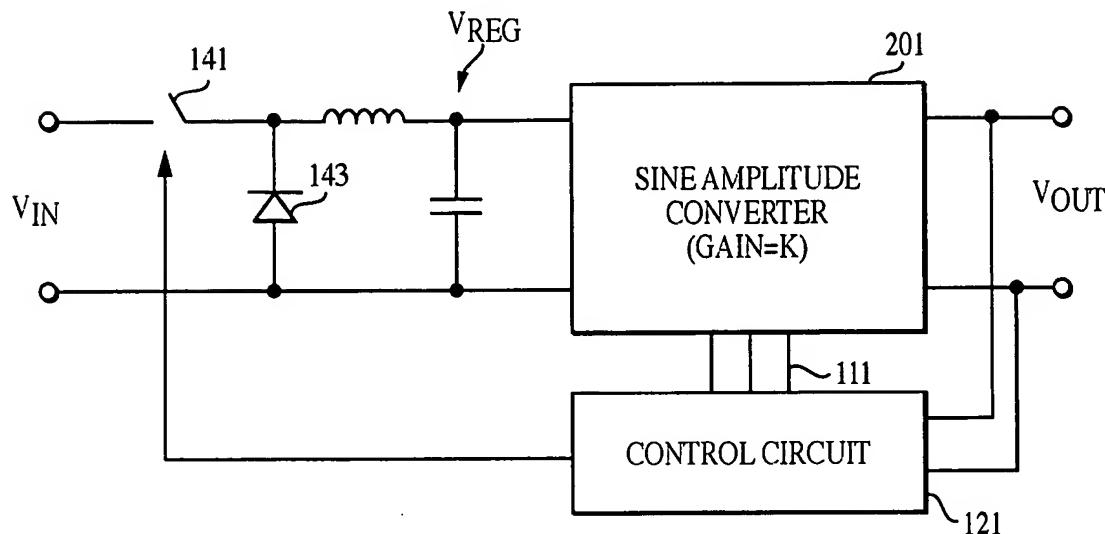


FIG. 29A

BOOST REGULATED SINE AMPLITUDE CONVERTER

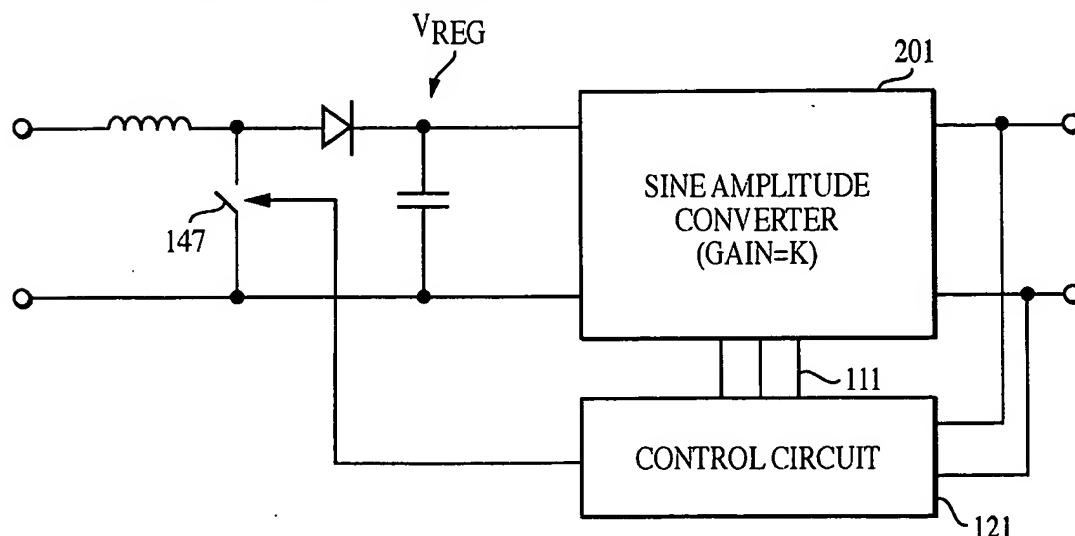


FIG. 29B

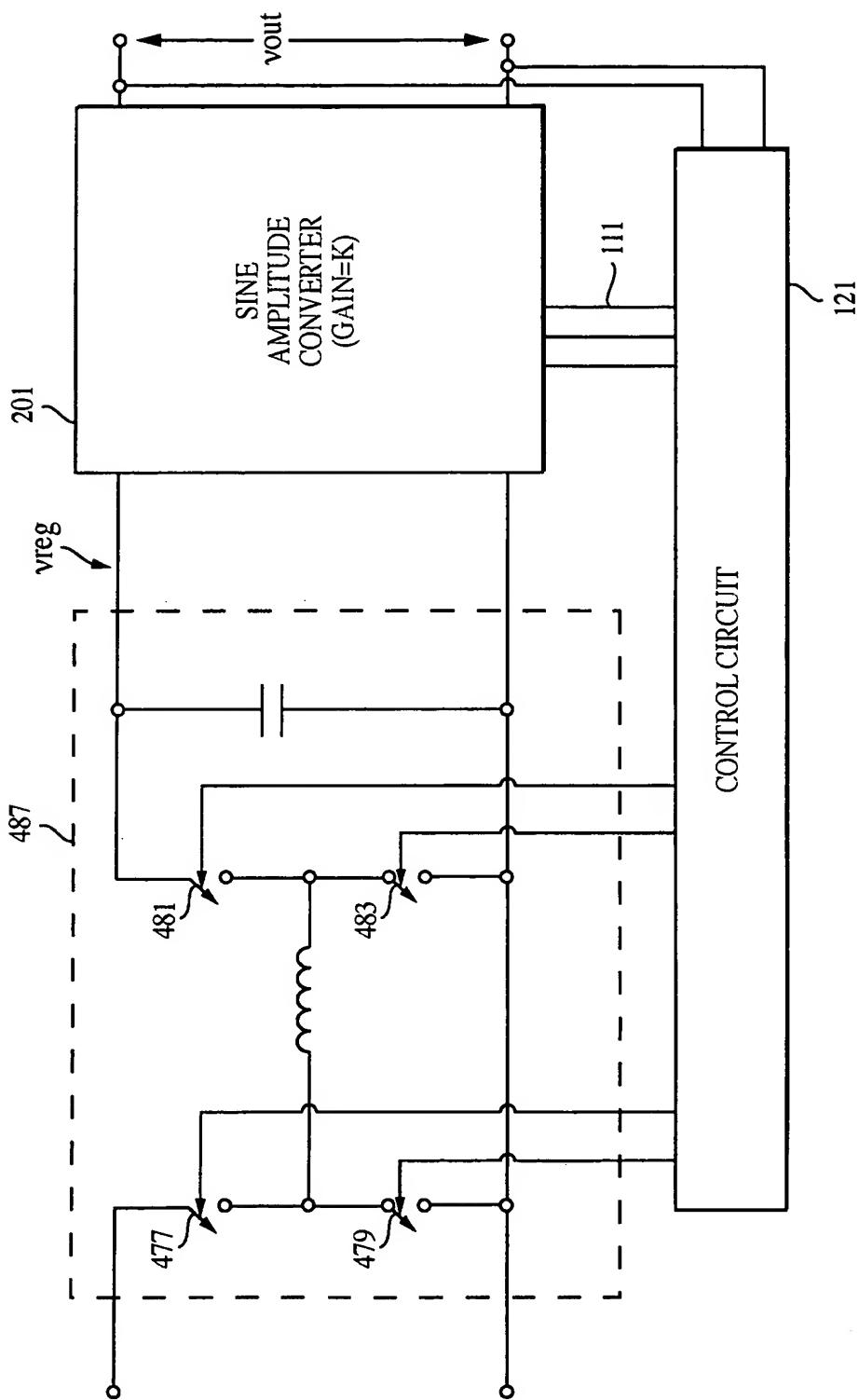


FIG. 29C

BOOT STRAP REGULATED DC-DC CONVERTER

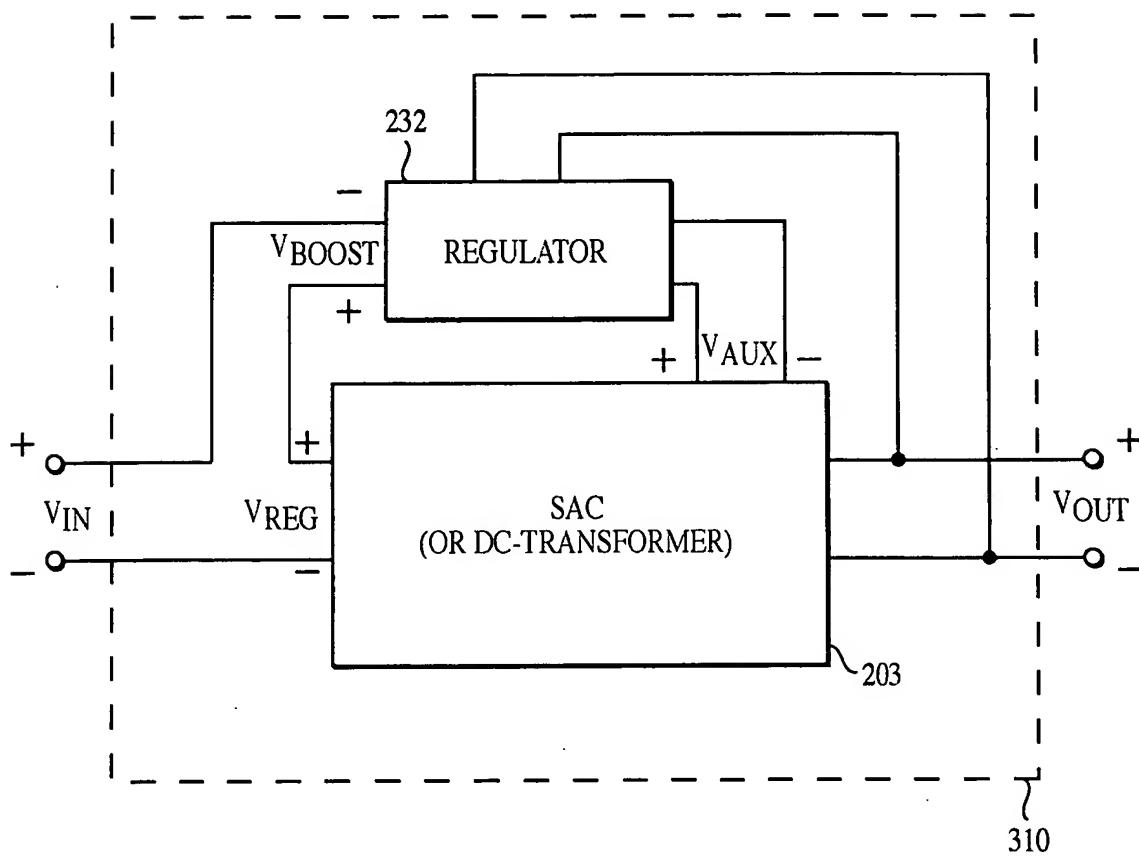


FIG. 30

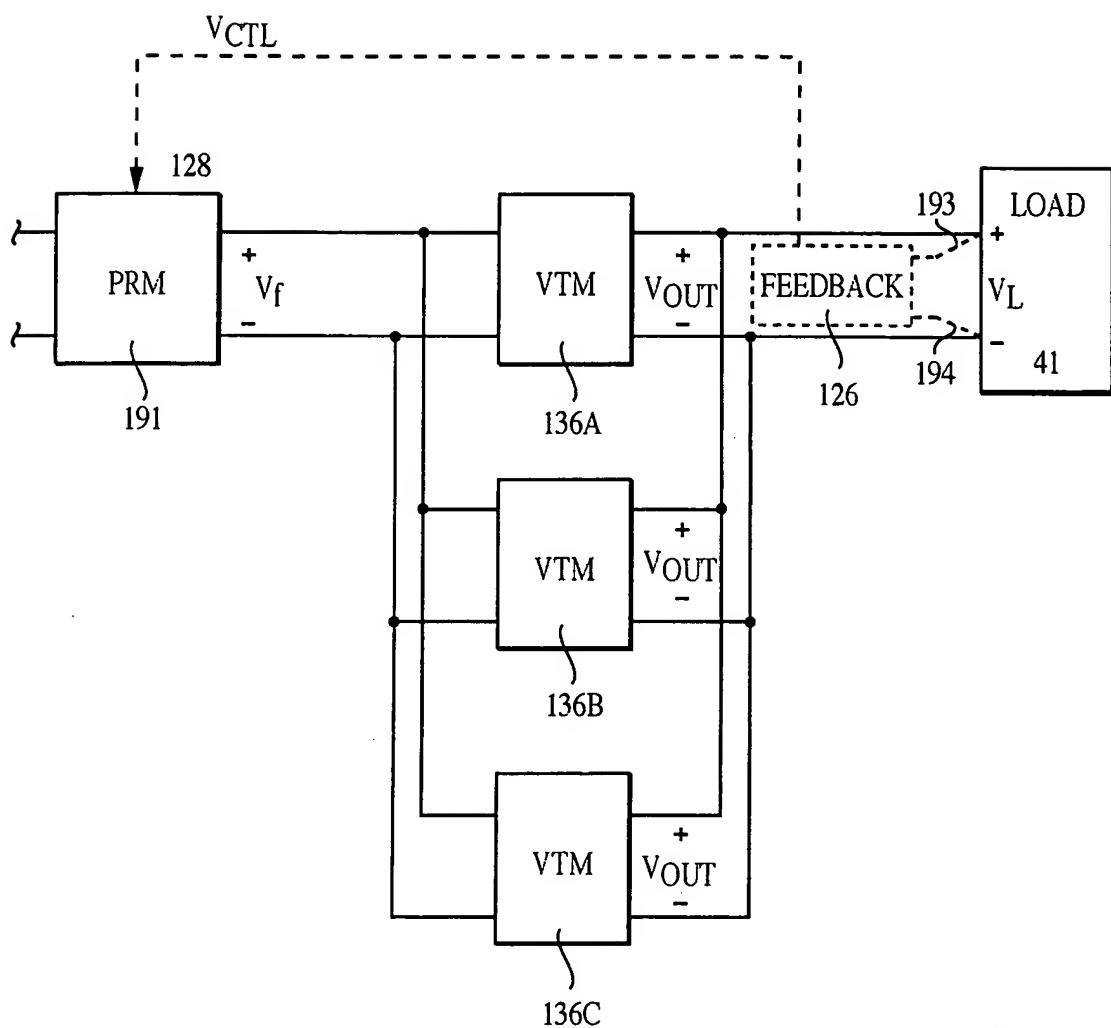


FIG. 31

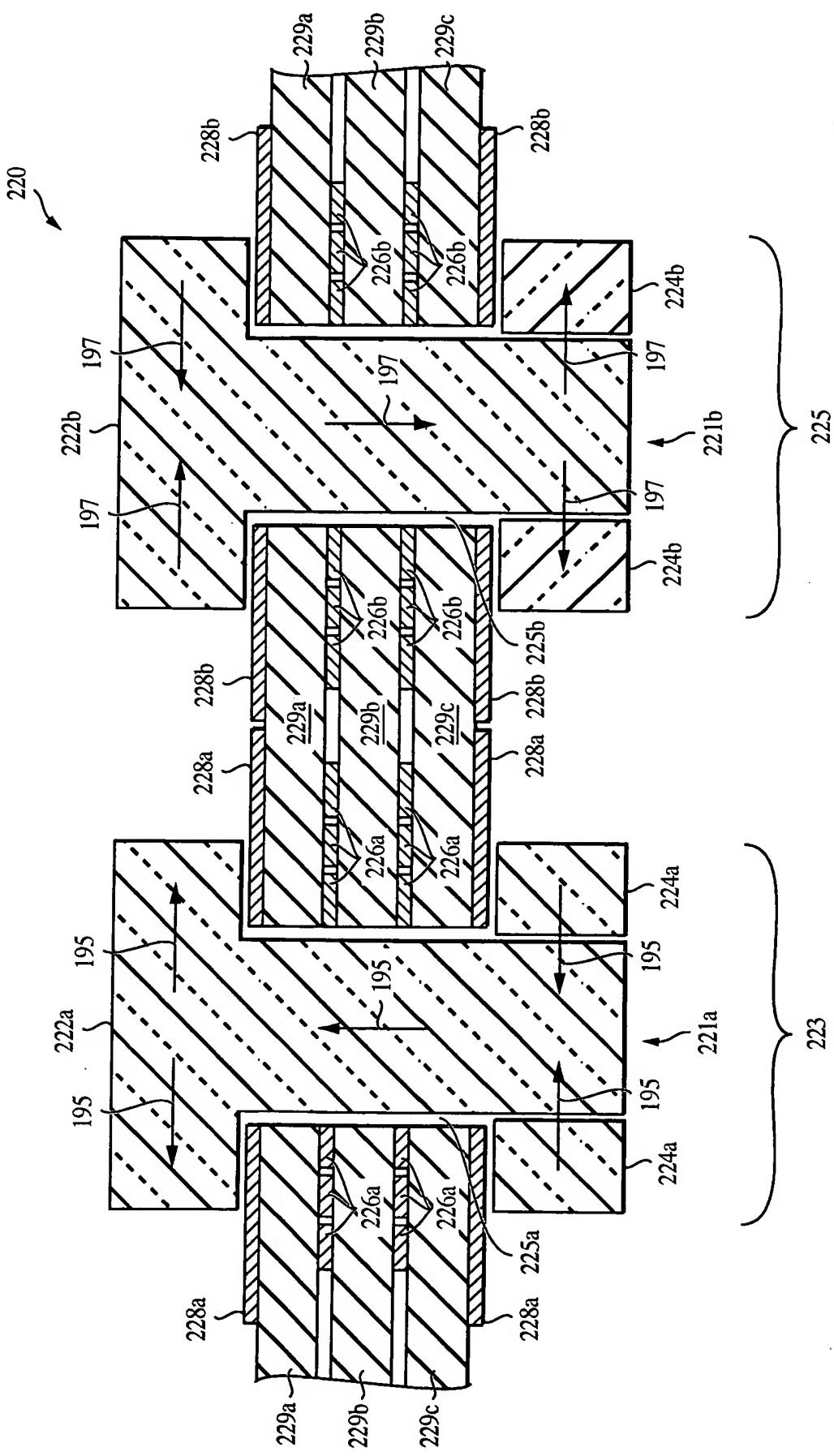


FIG. 32

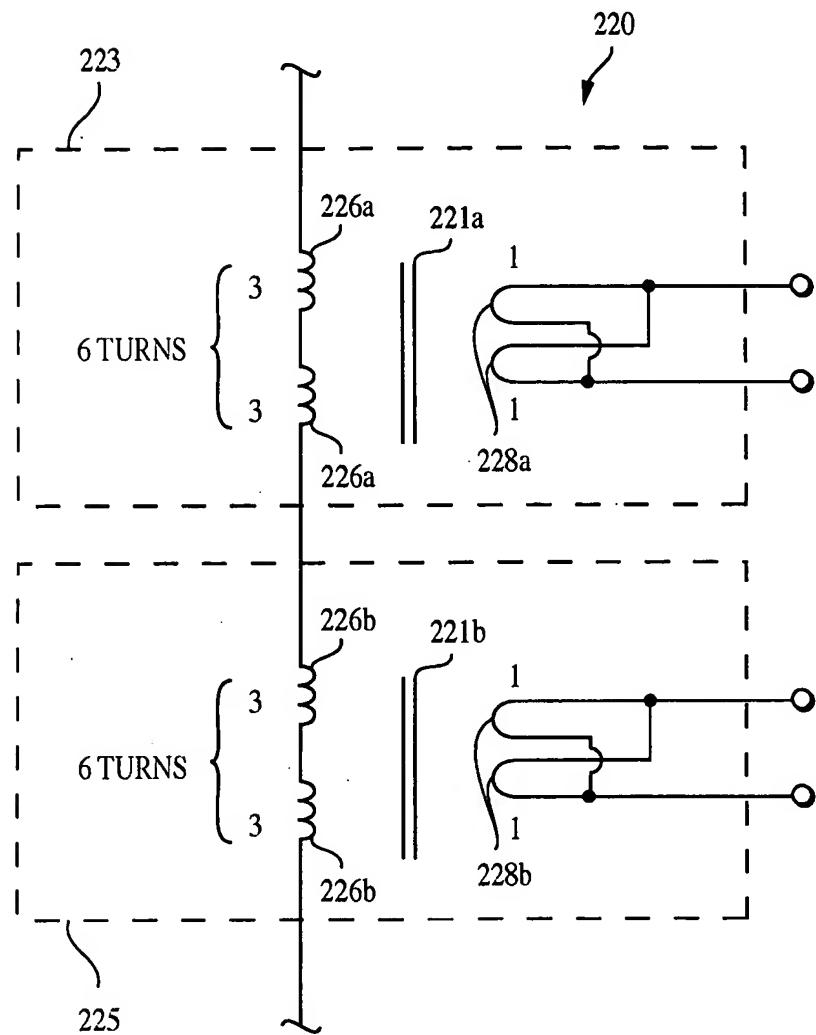


FIG. 33

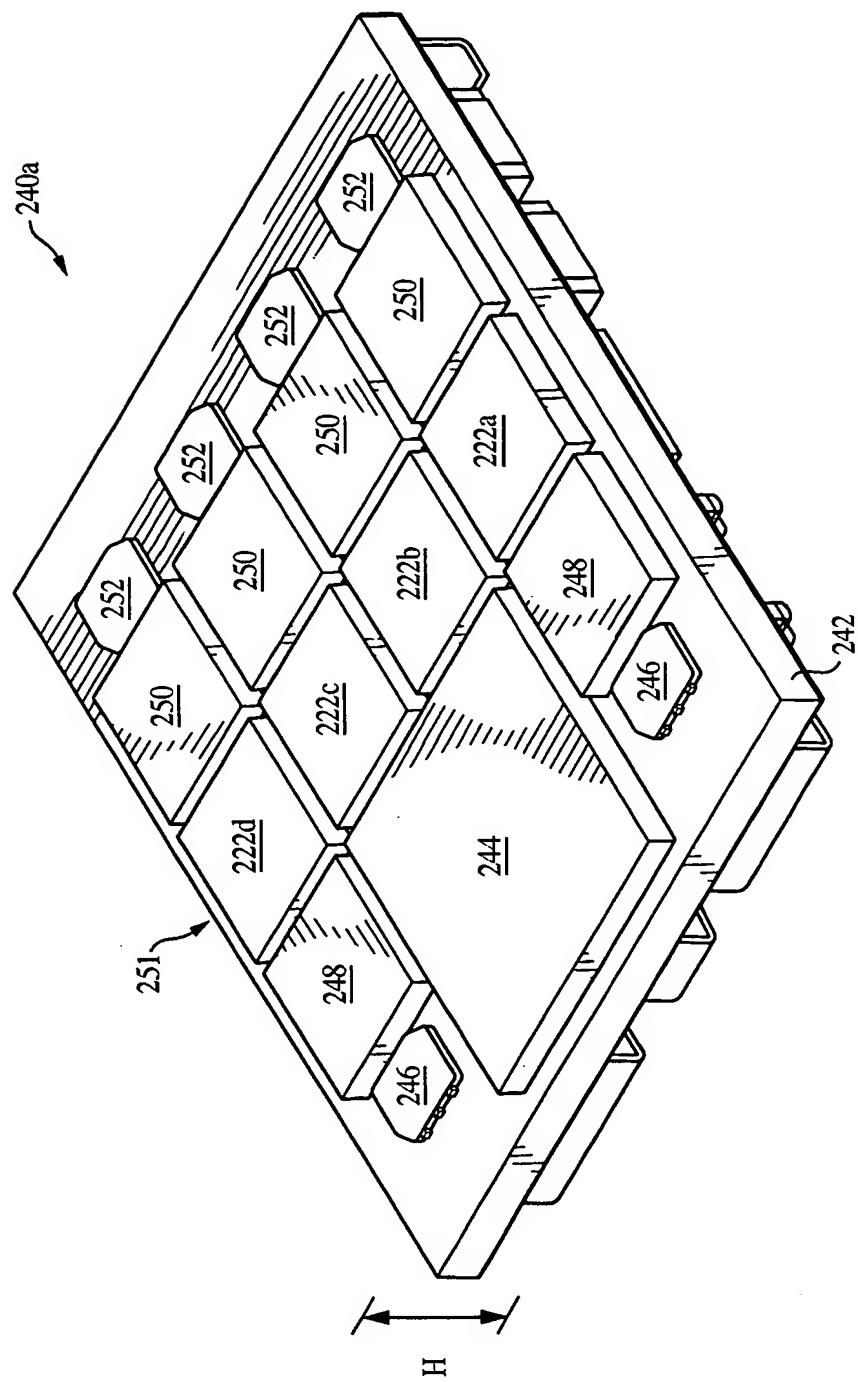


FIG. 34A

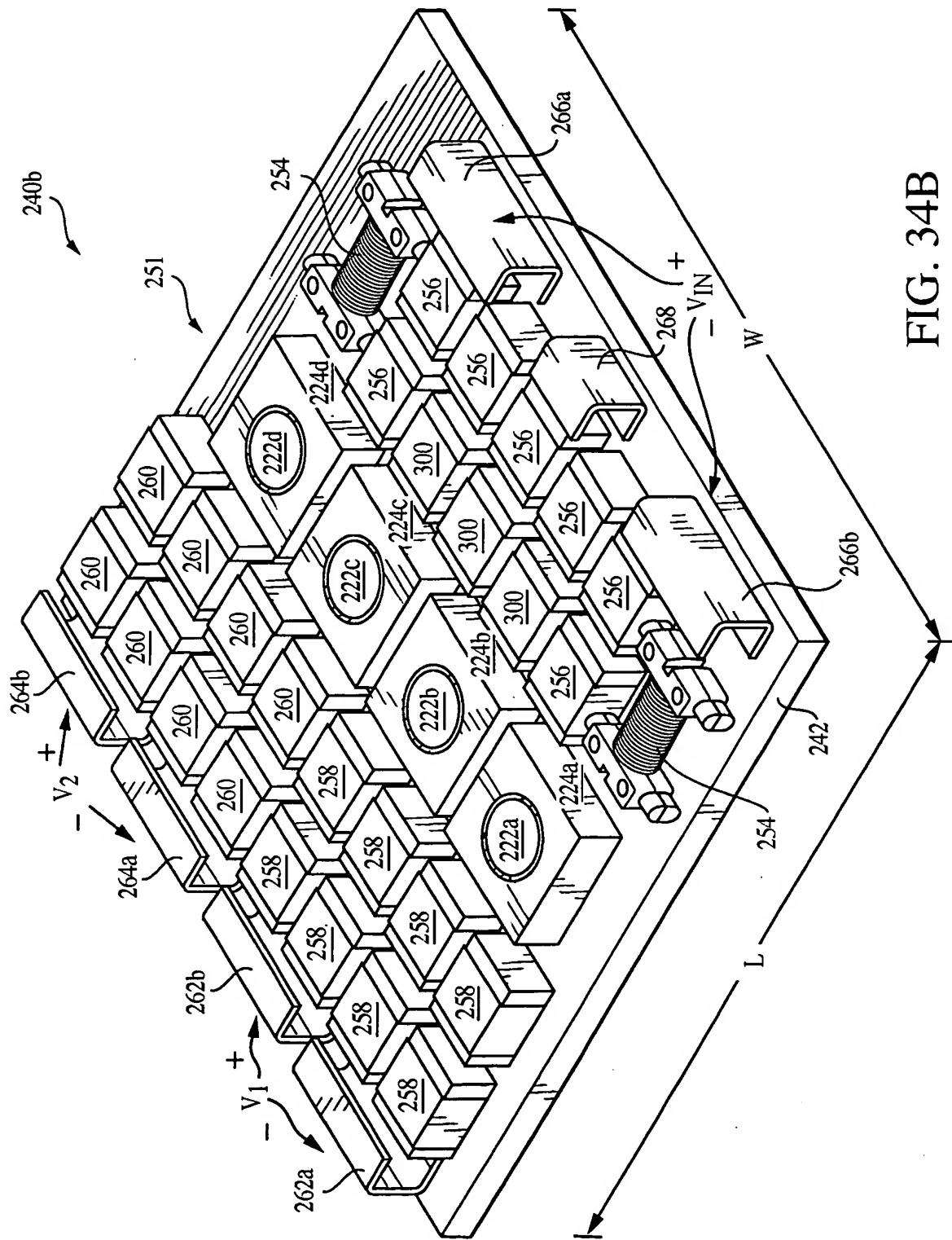
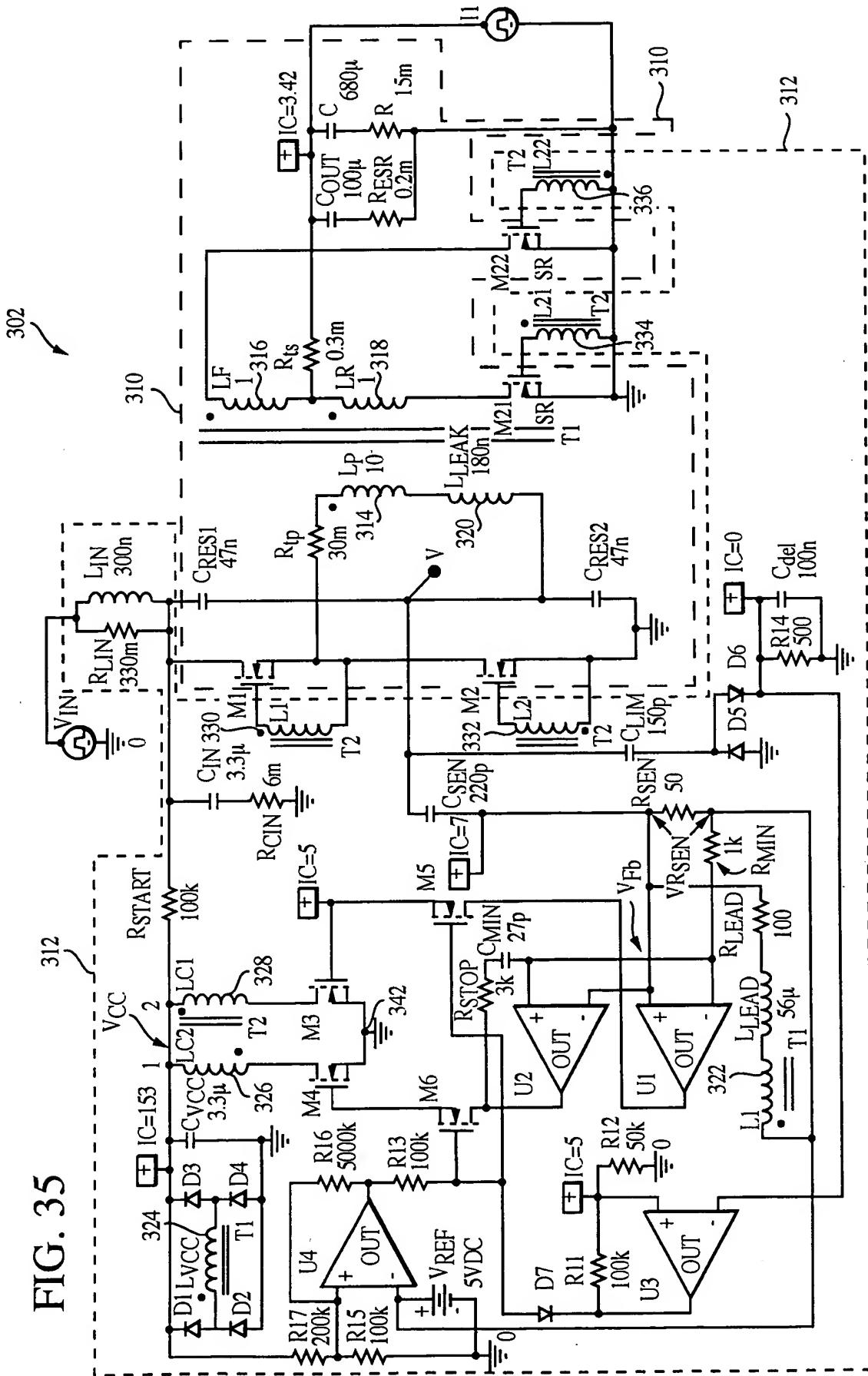


FIG. 34B

FIG. 35



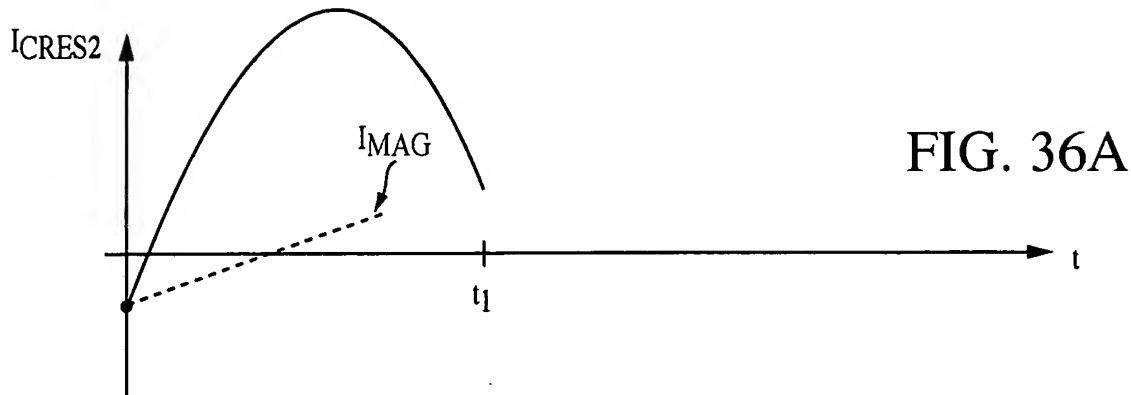


FIG. 36A

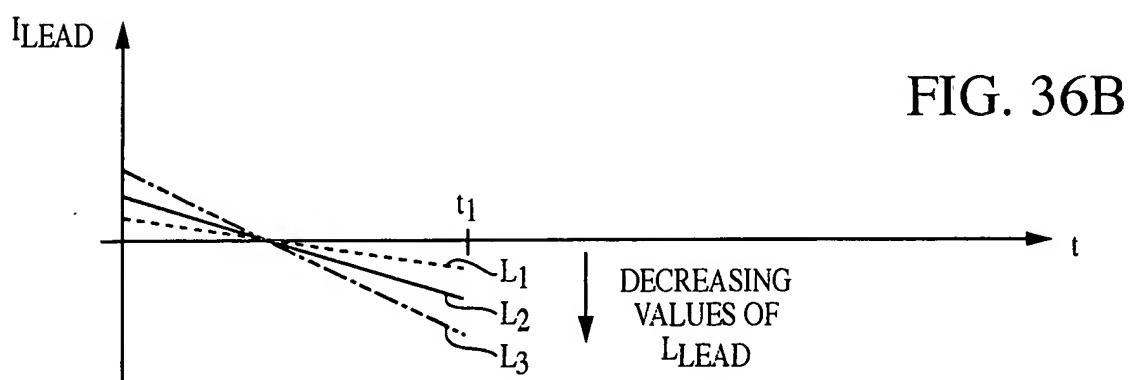


FIG. 36B

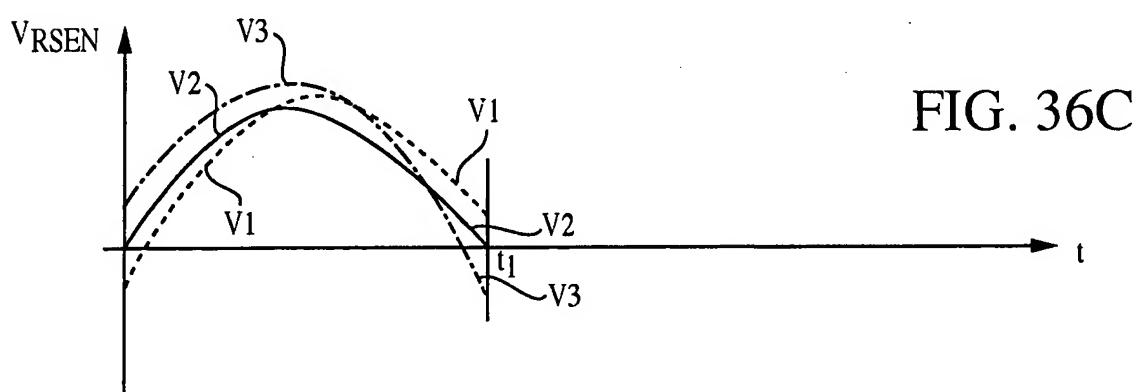
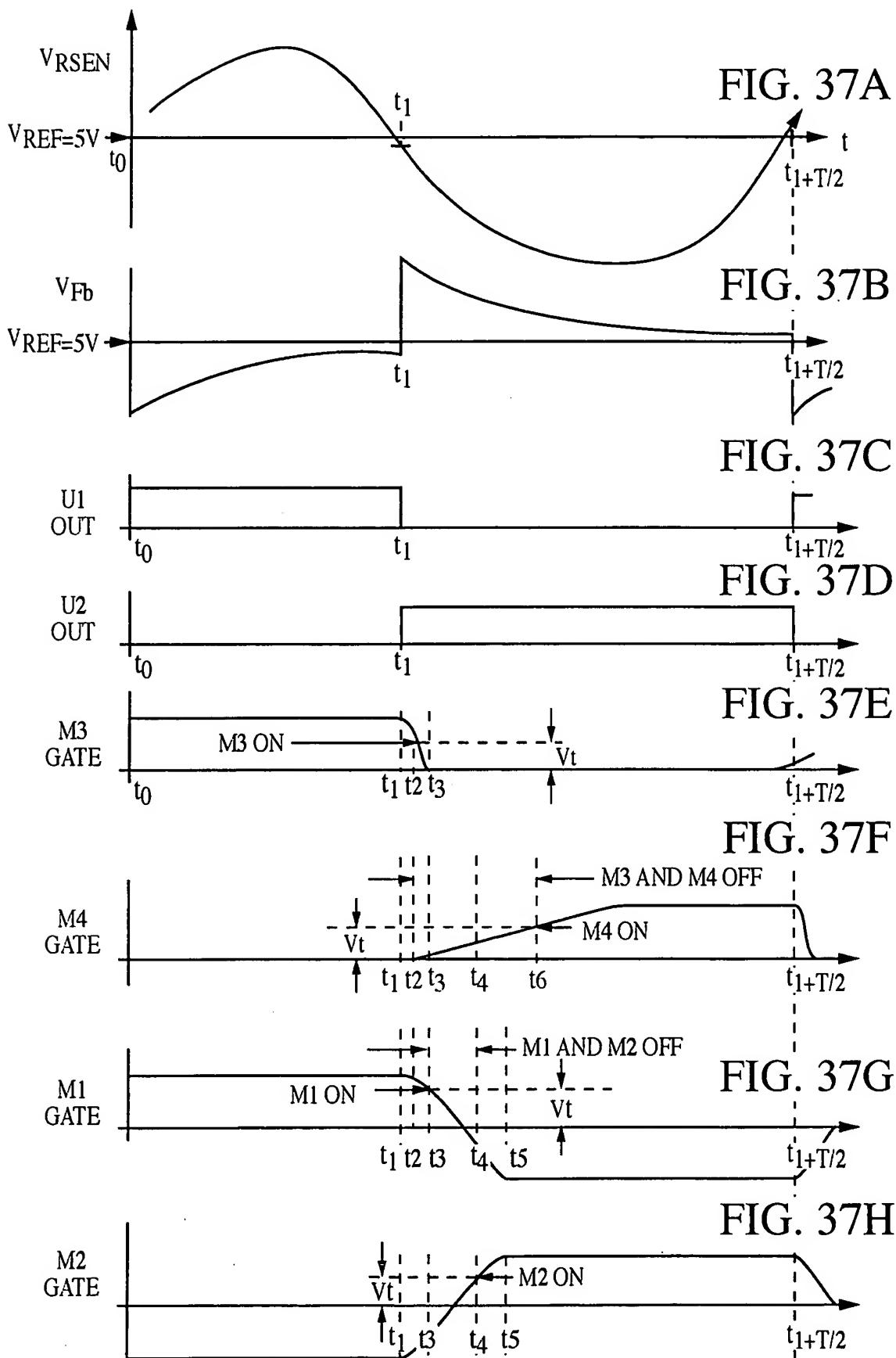


FIG. 36C



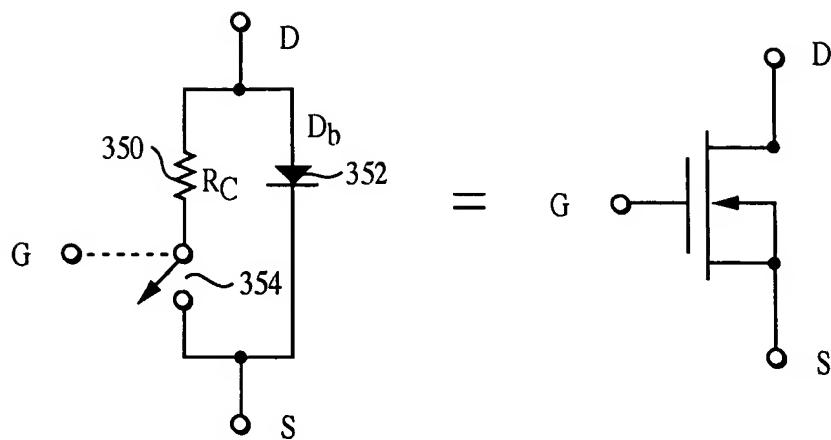


FIG. 38

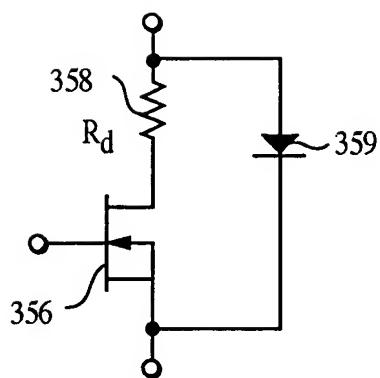


FIG. 39A

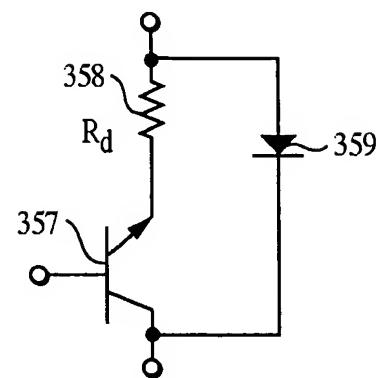
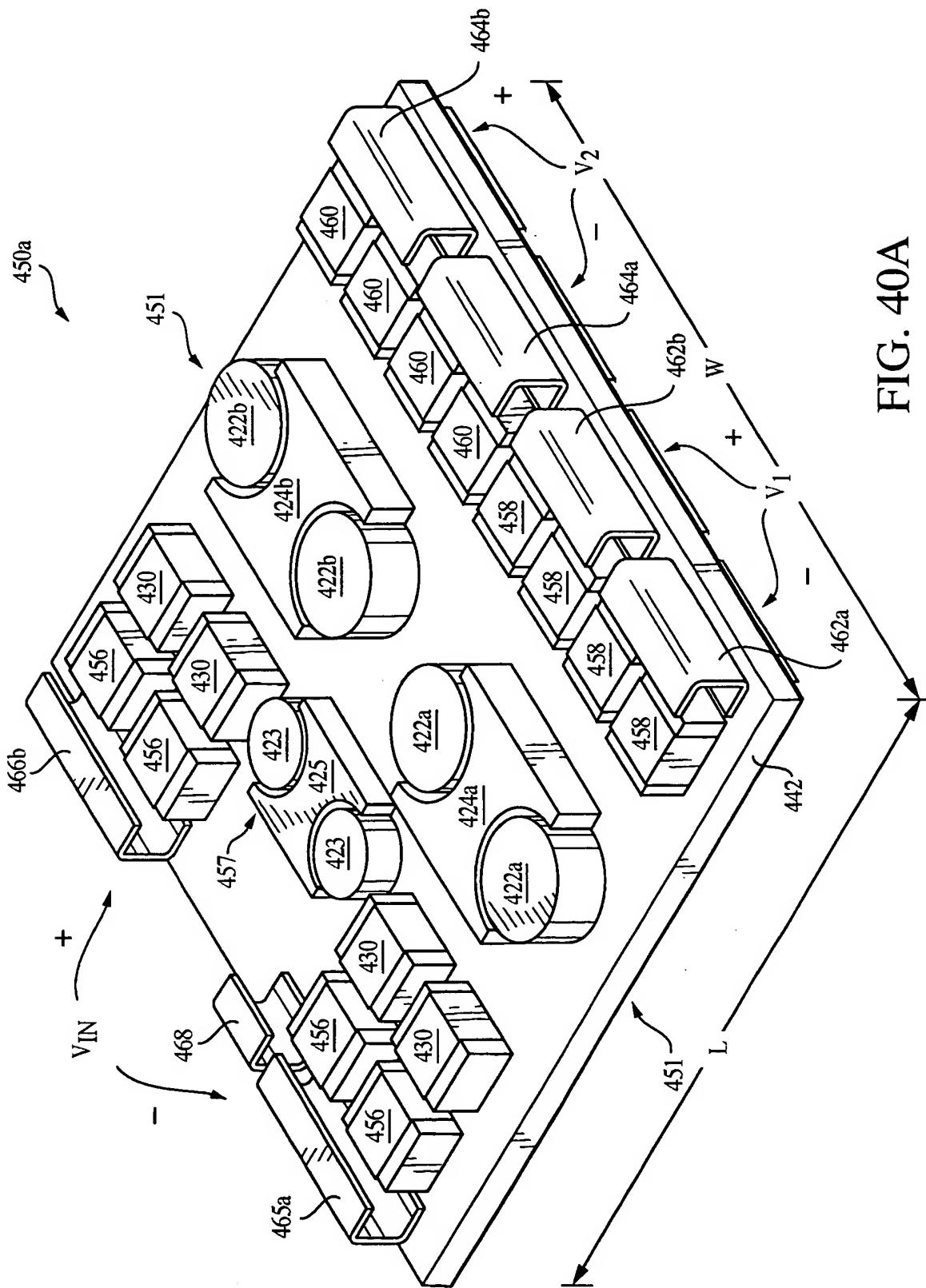


FIG. 39B



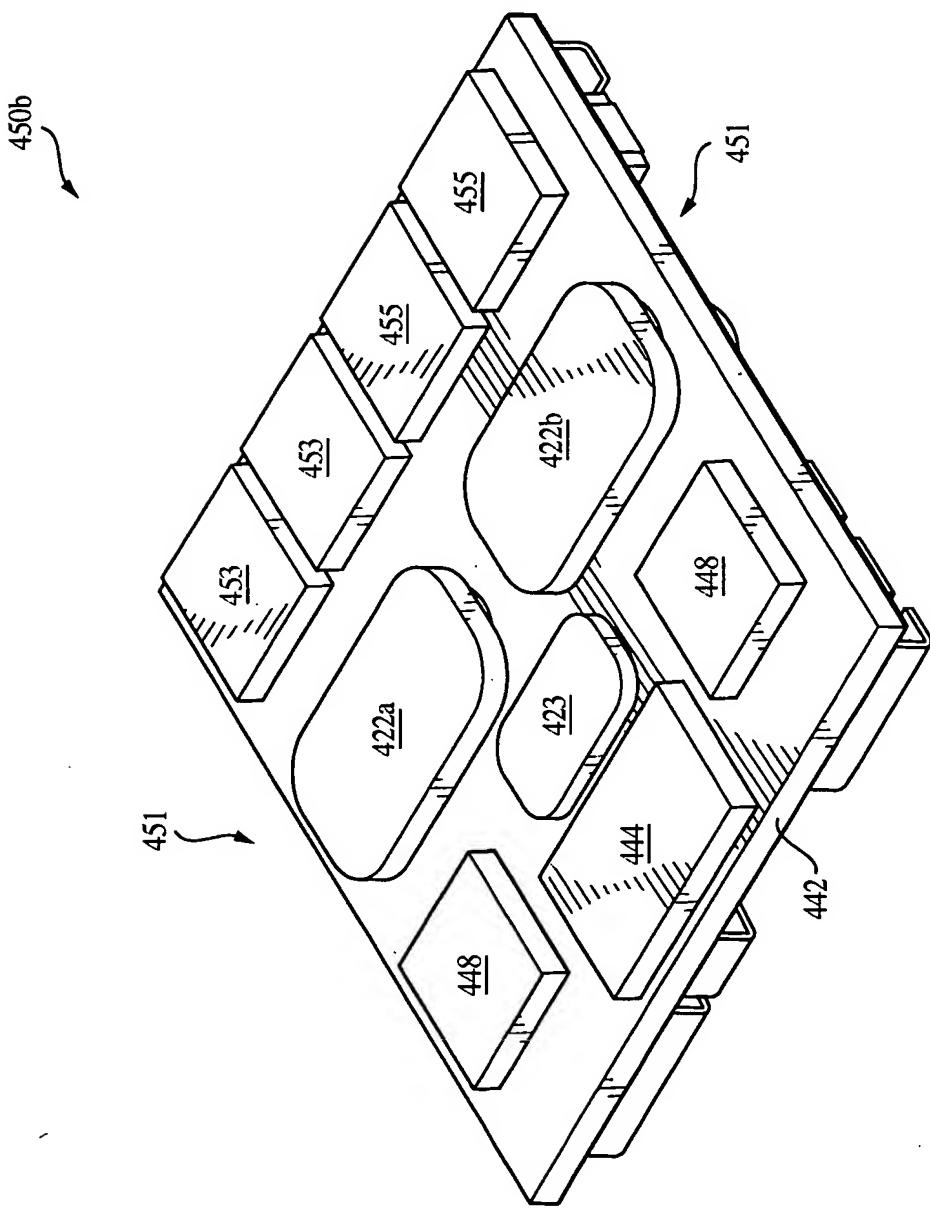


FIG. 40B

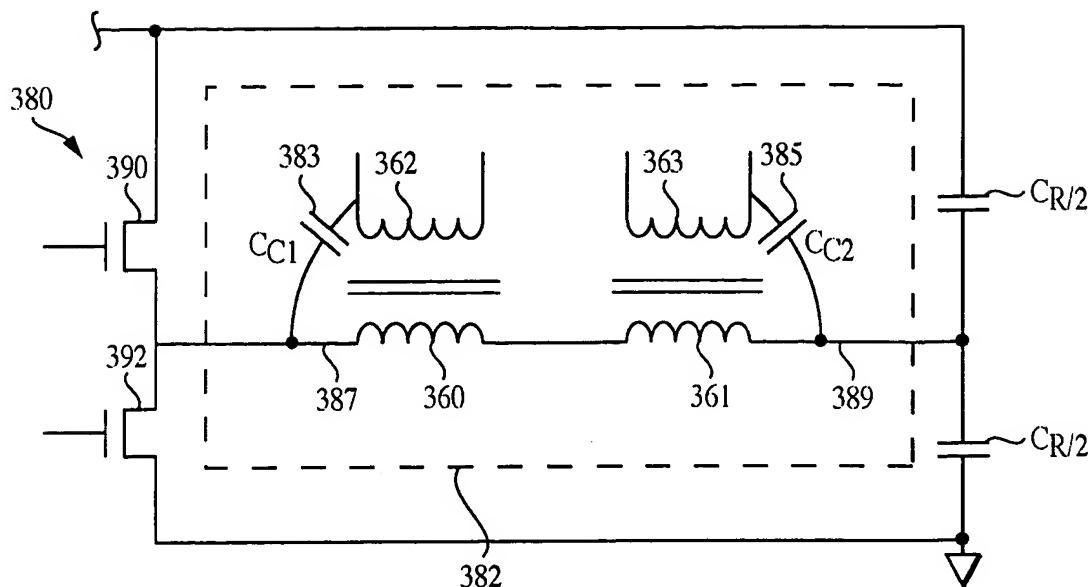


FIG. 41

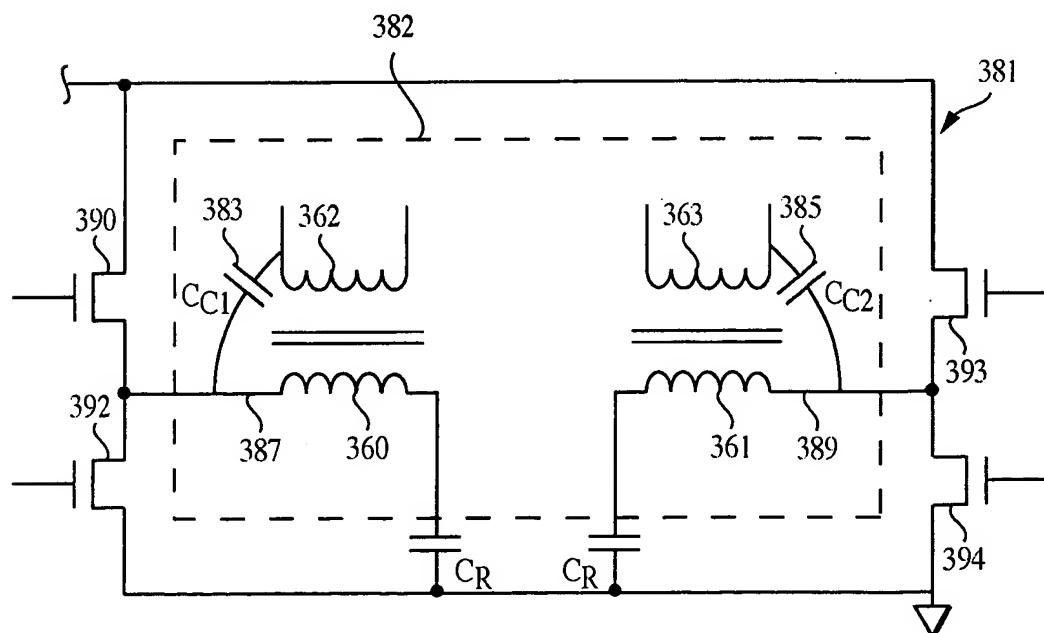


FIG. 42

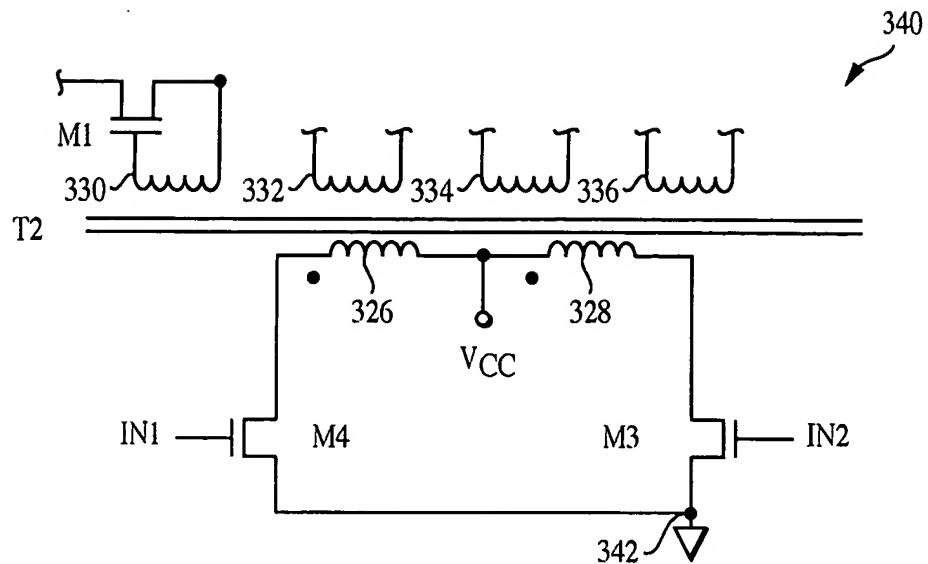


FIG. 43

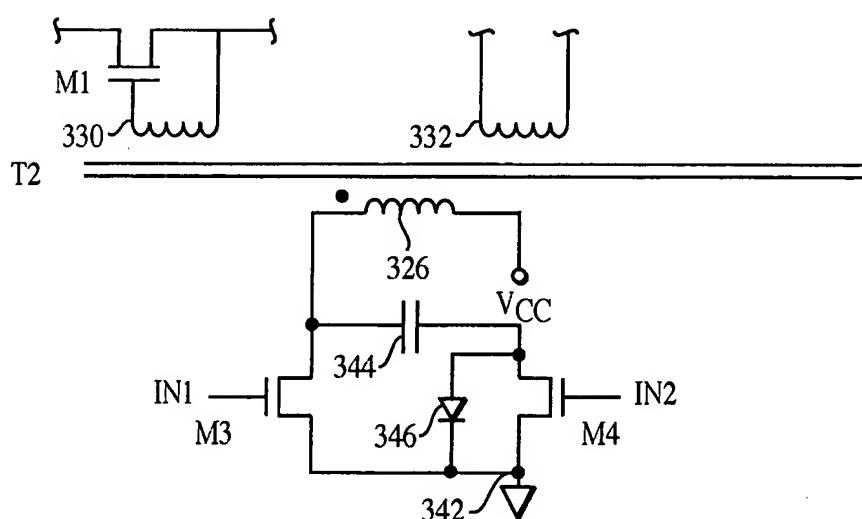


FIG. 44

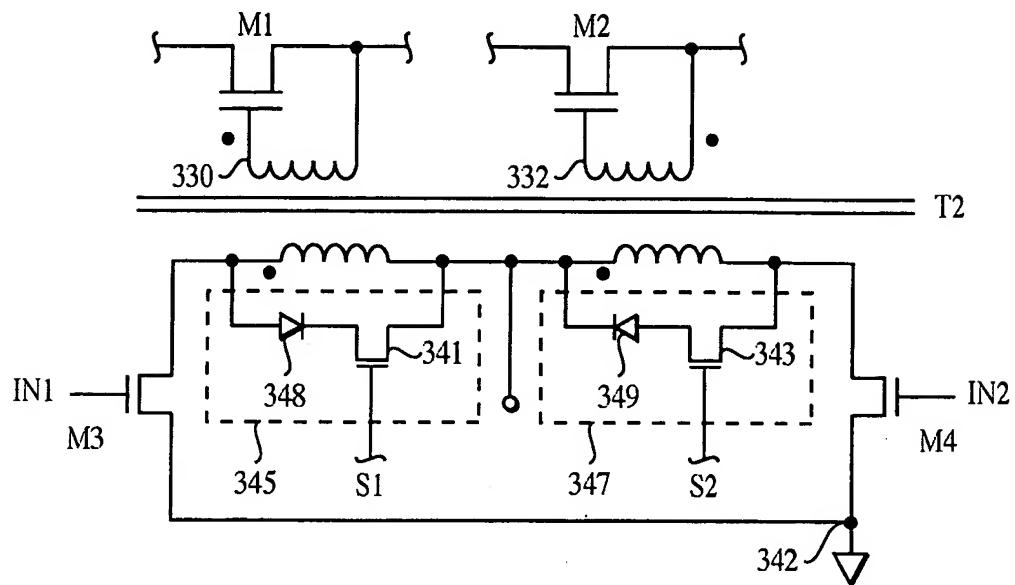


FIG. 45

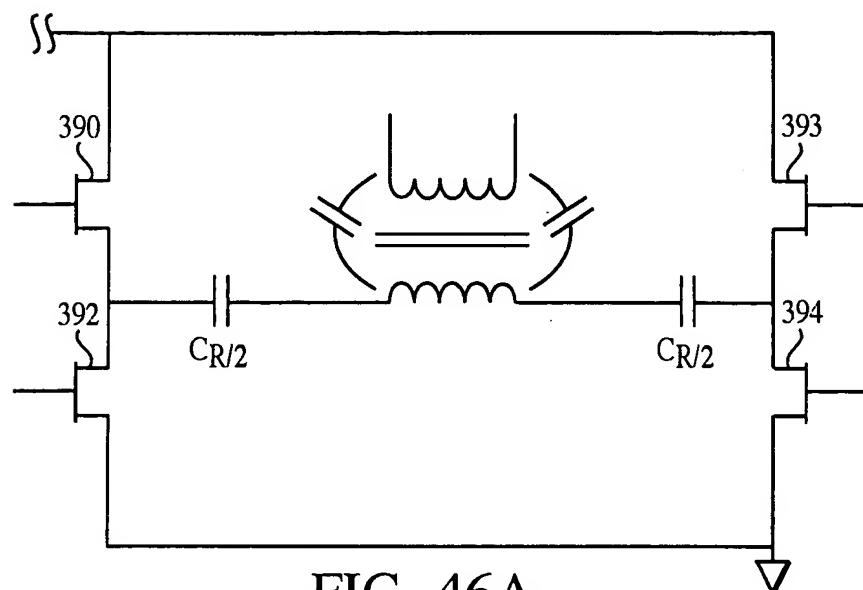


FIG. 46A

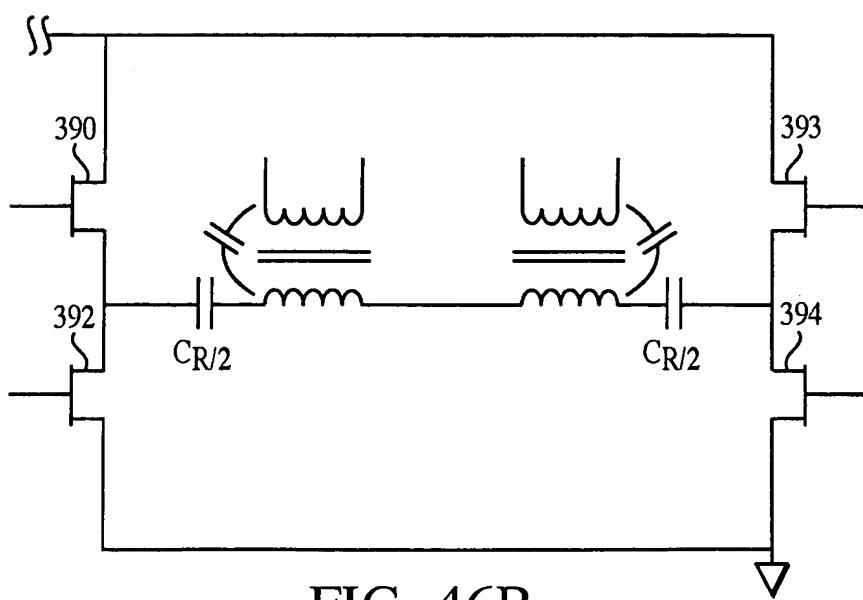


FIG. 46B

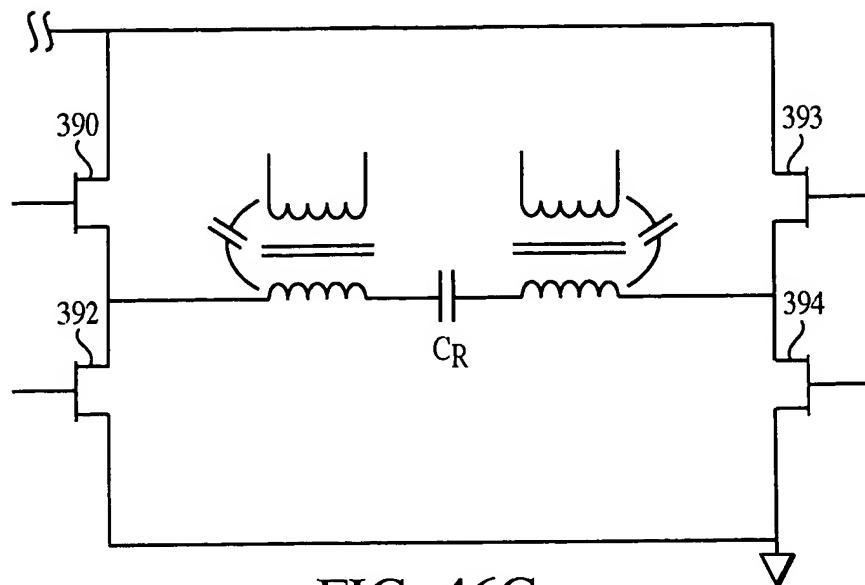


FIG. 46C

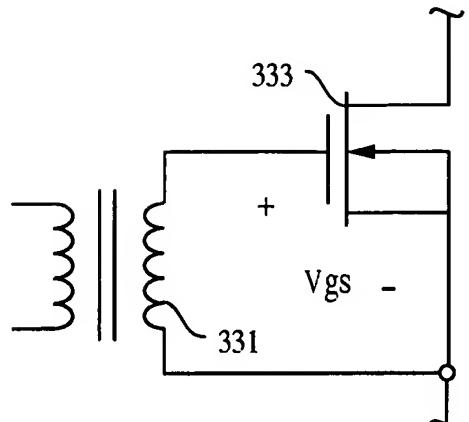


FIG. 47A

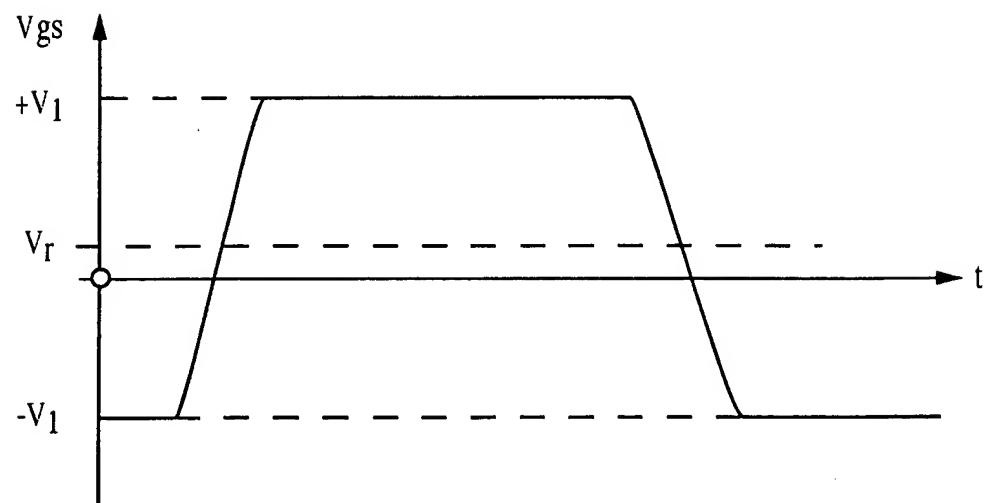


FIG. 47B

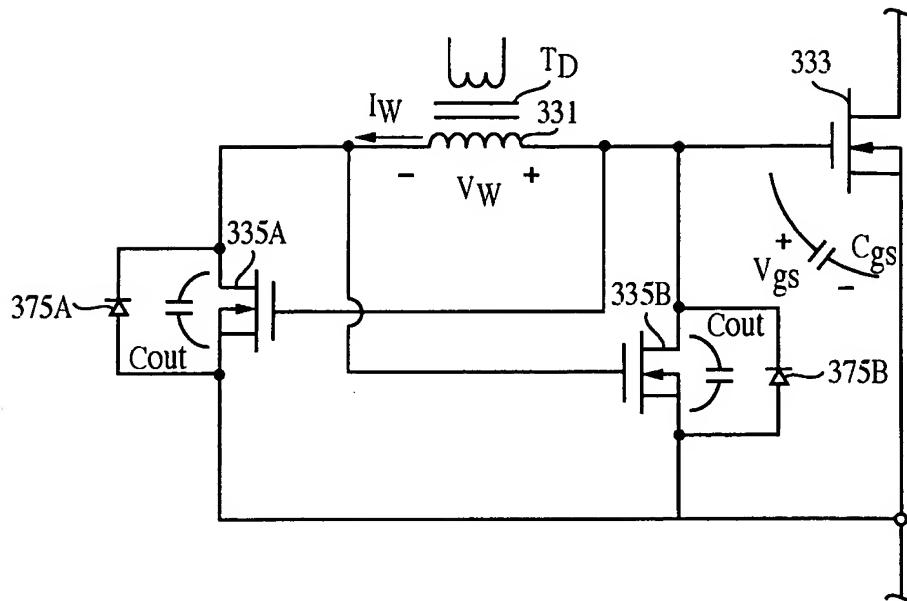


FIG. 48A

FIG. 48B

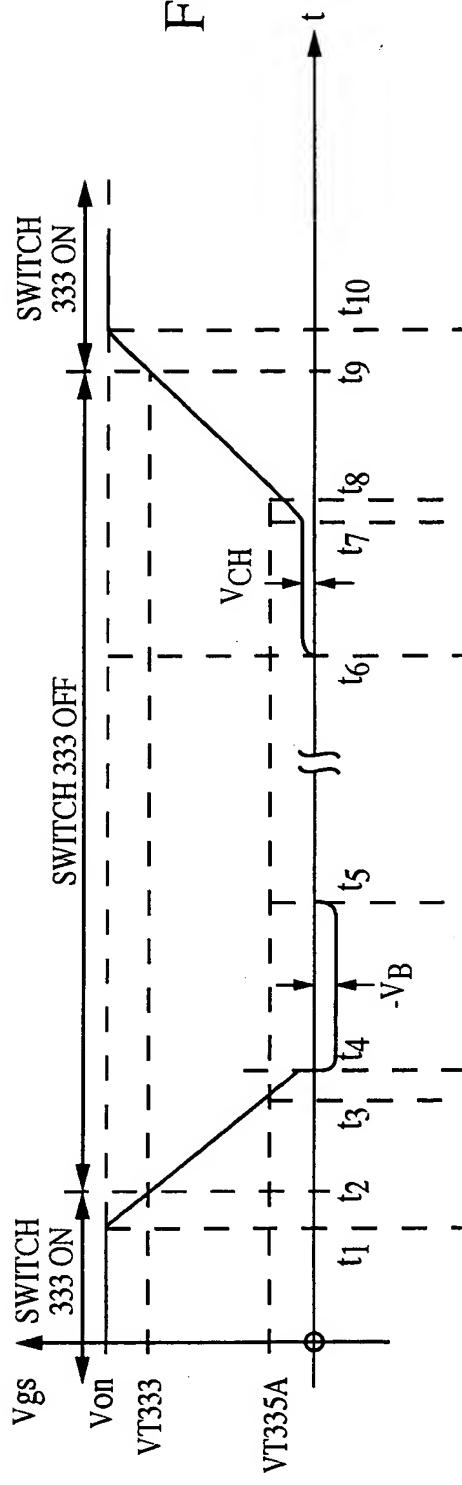
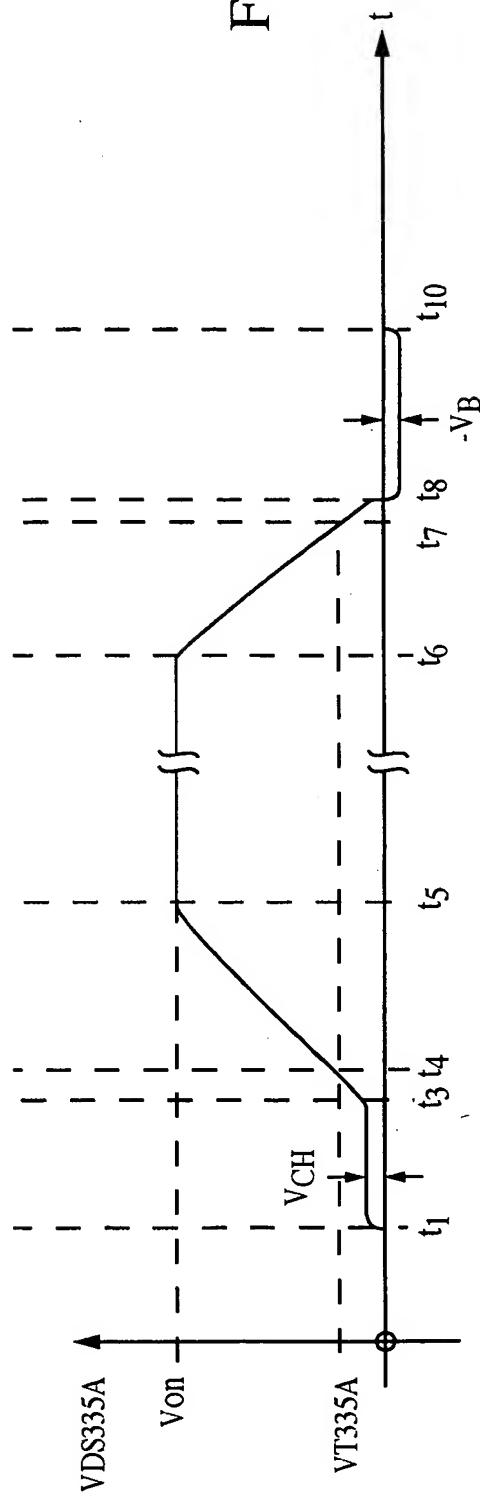


FIG. 48C



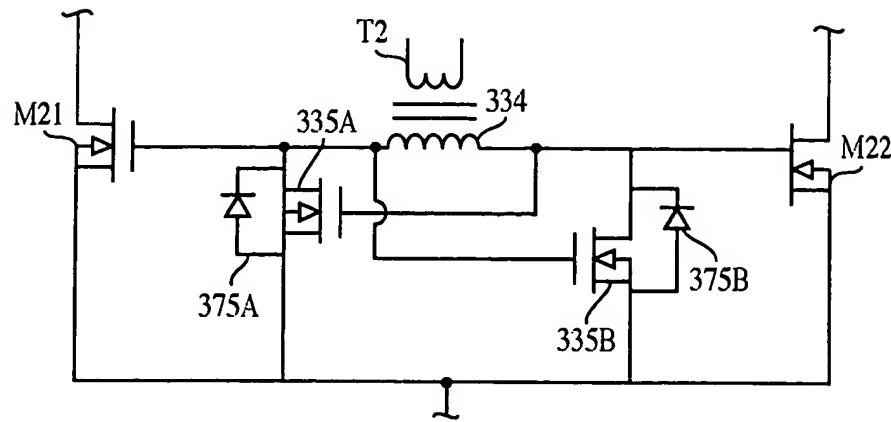


FIG. 49

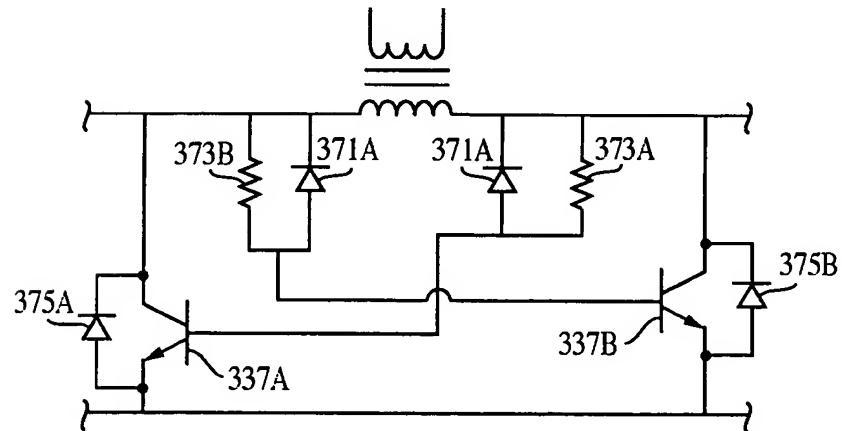


FIG. 50

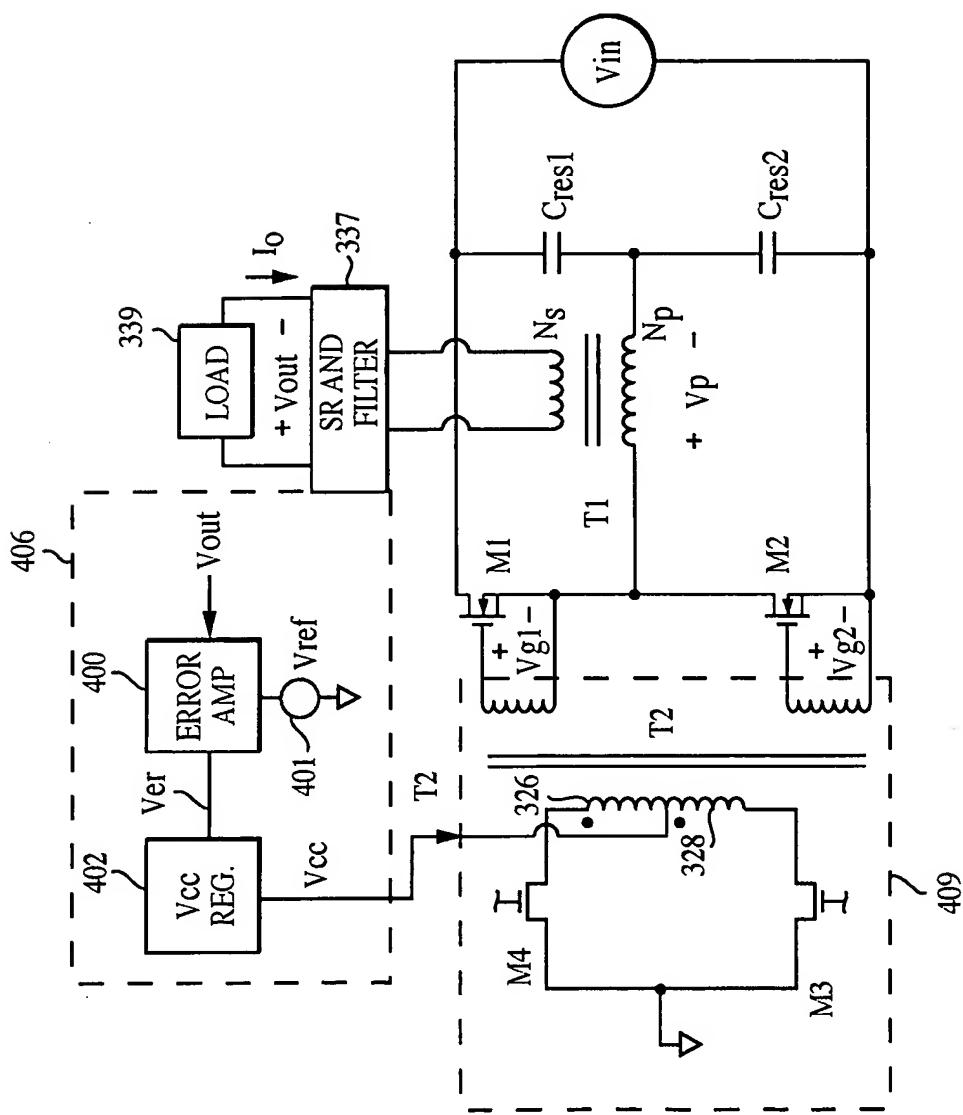


FIG. 51

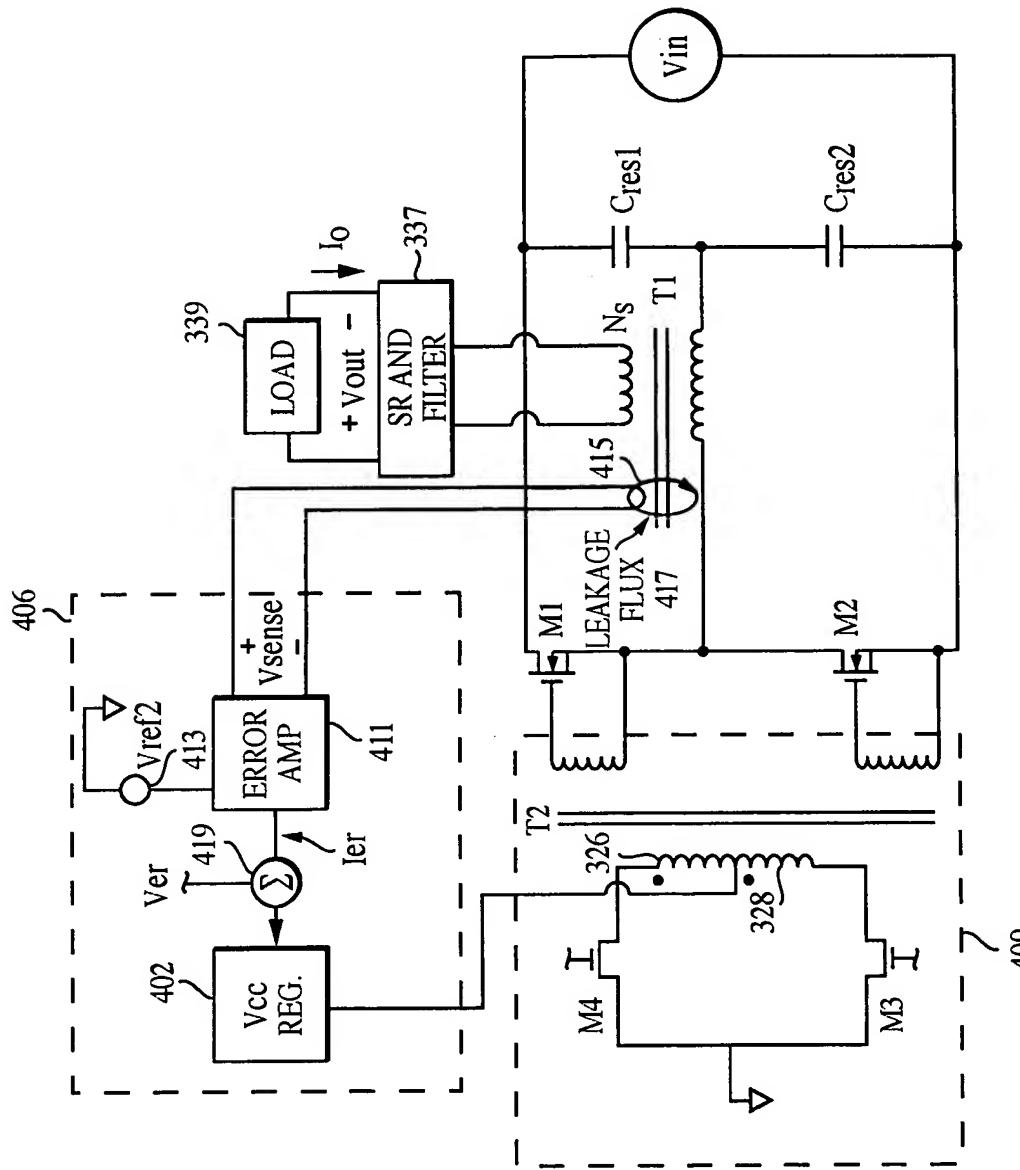


FIG. 52

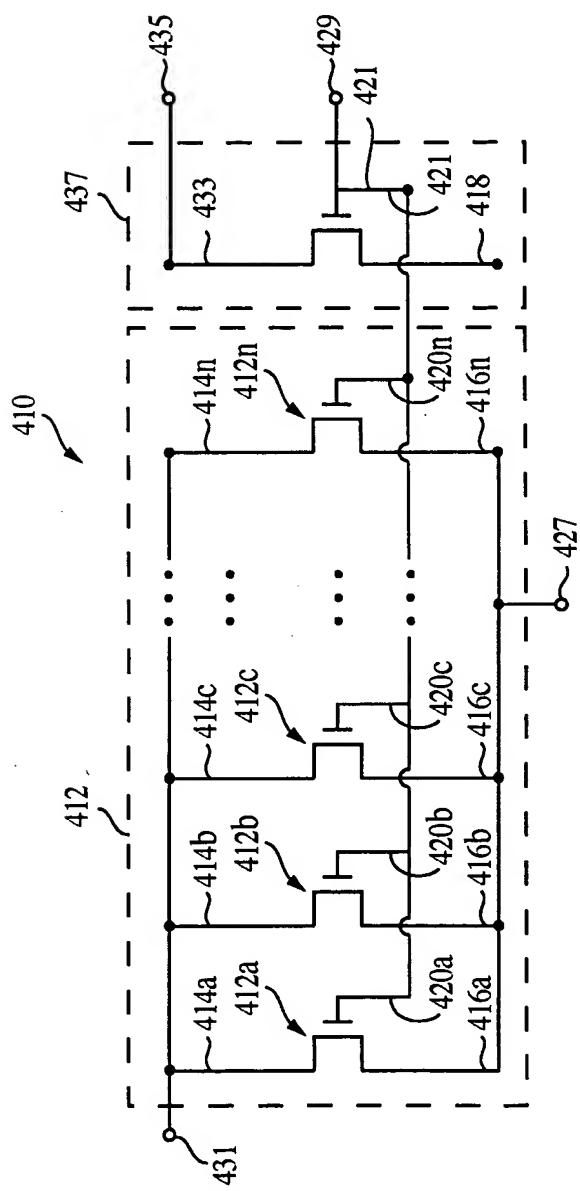


FIG. 53

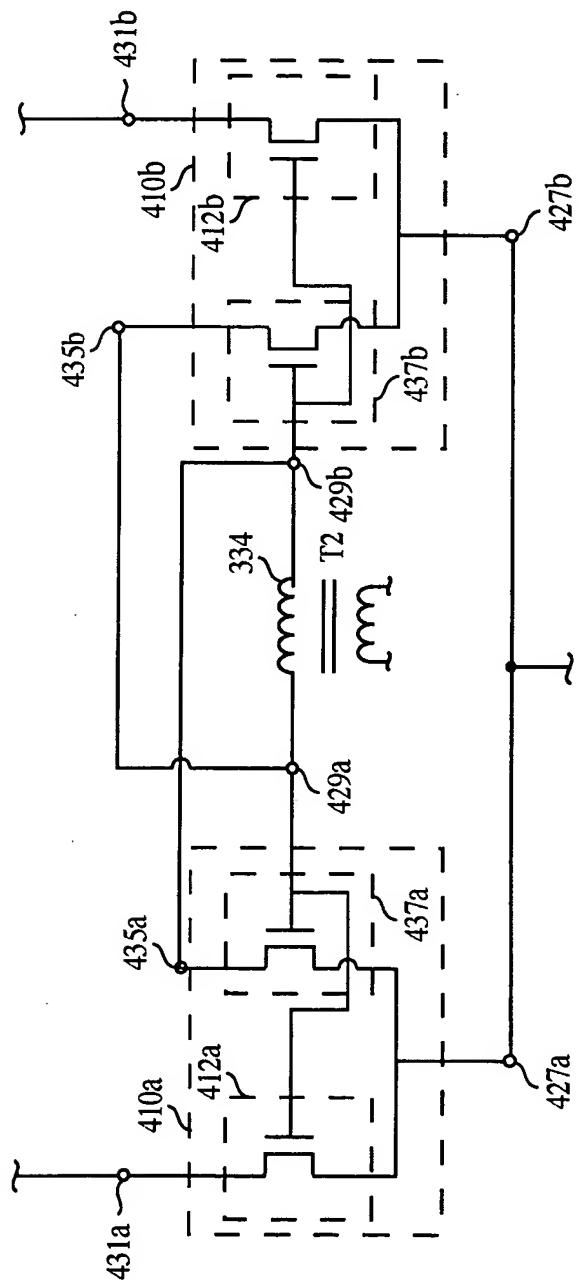


FIG. 54

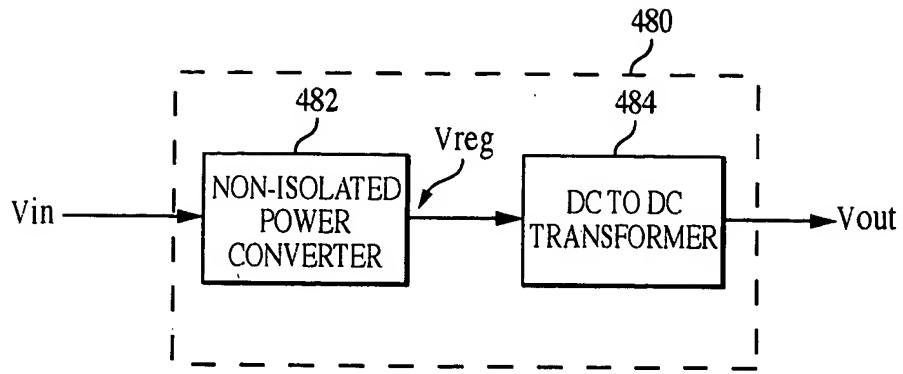


FIG. 55A

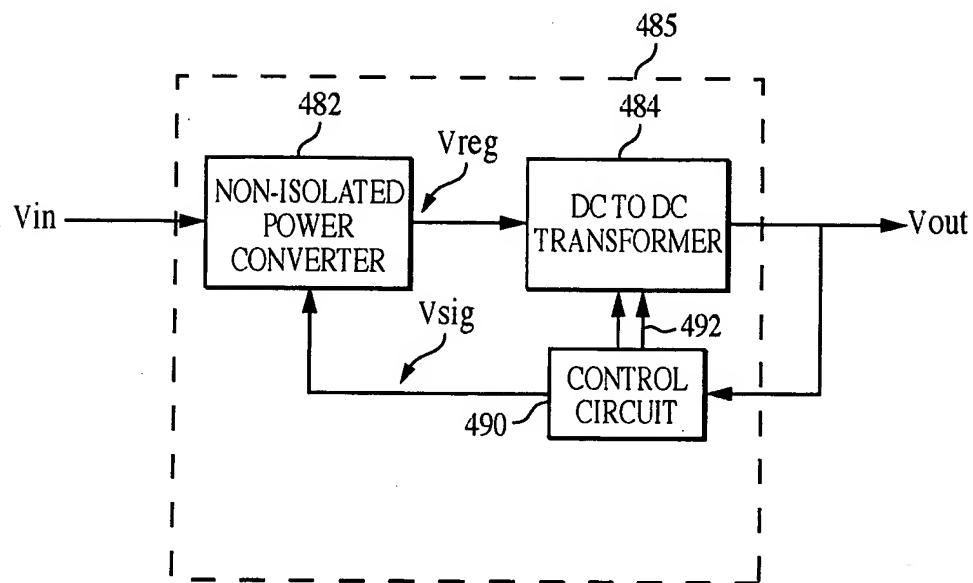


FIG. 55B

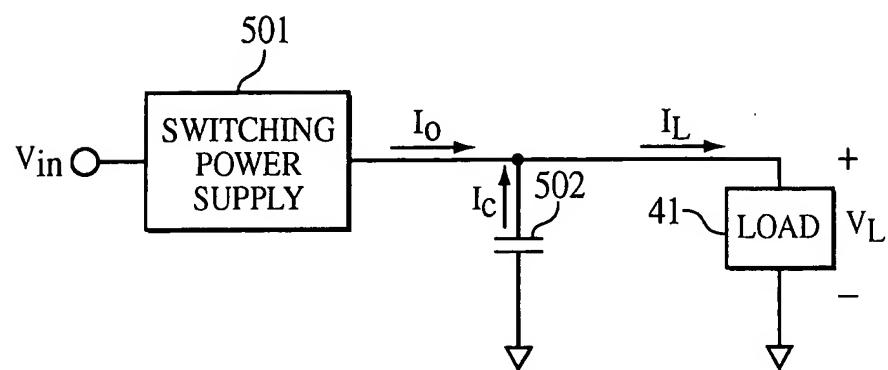


FIG. 56

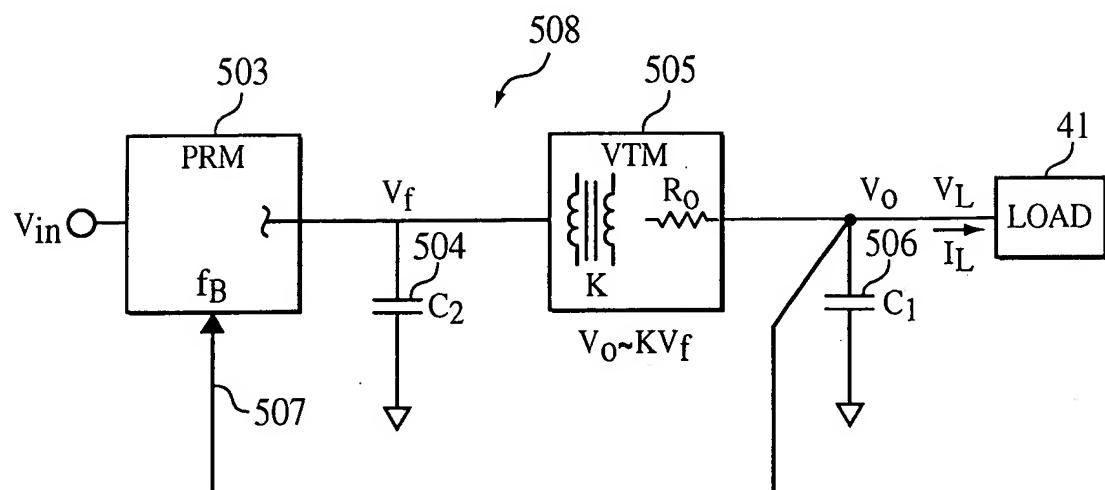


FIG. 58

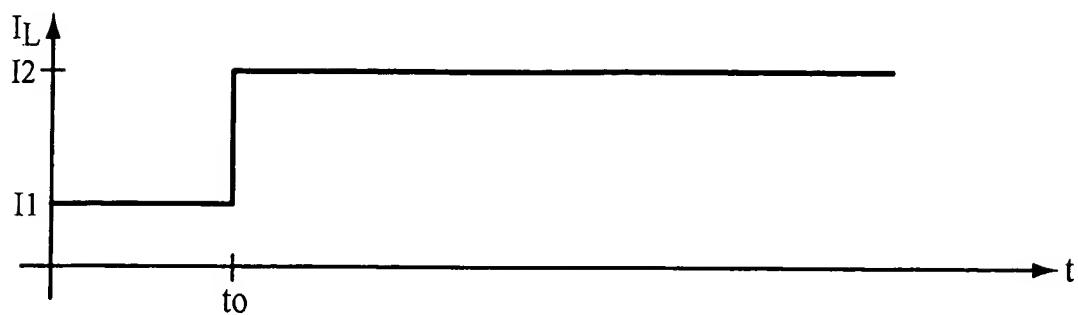


FIG. 57A

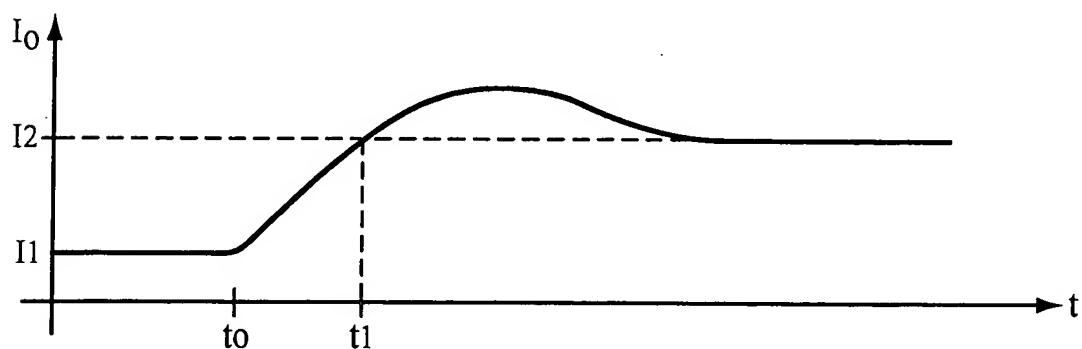


FIG. 57B

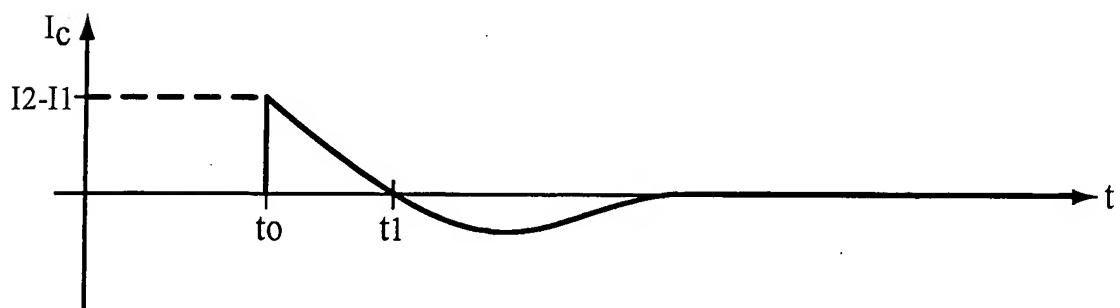


FIG. 57C

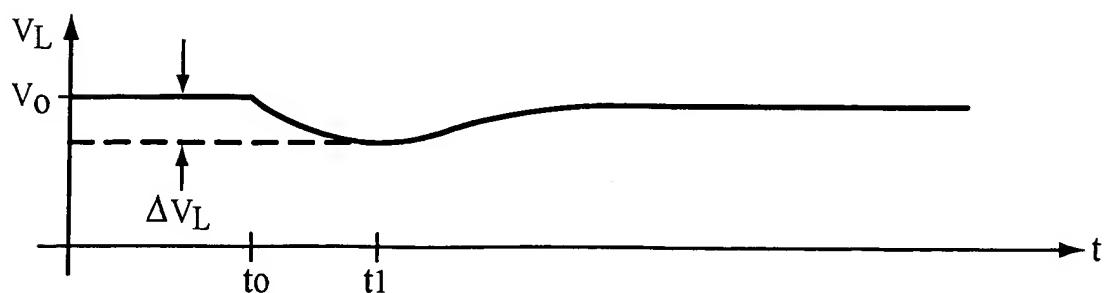


FIG. 57D

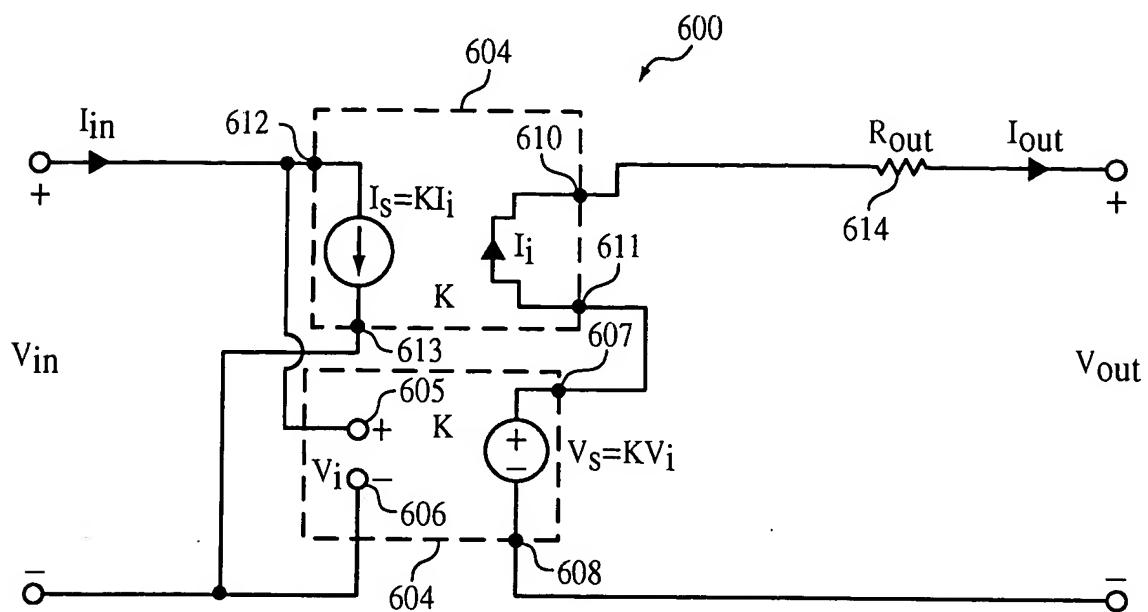


FIG. 59A

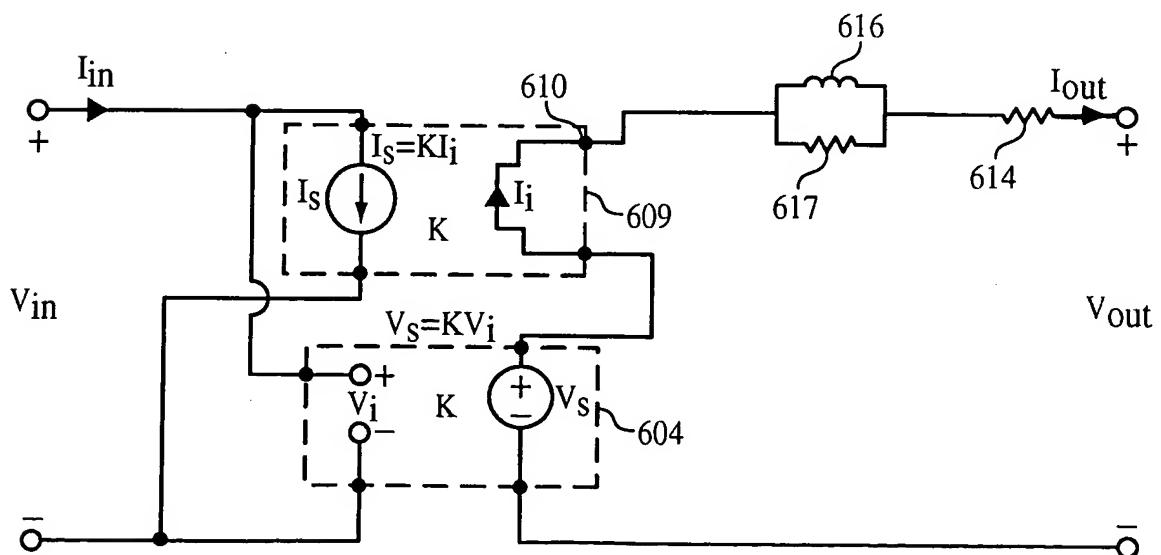


FIG. 59B

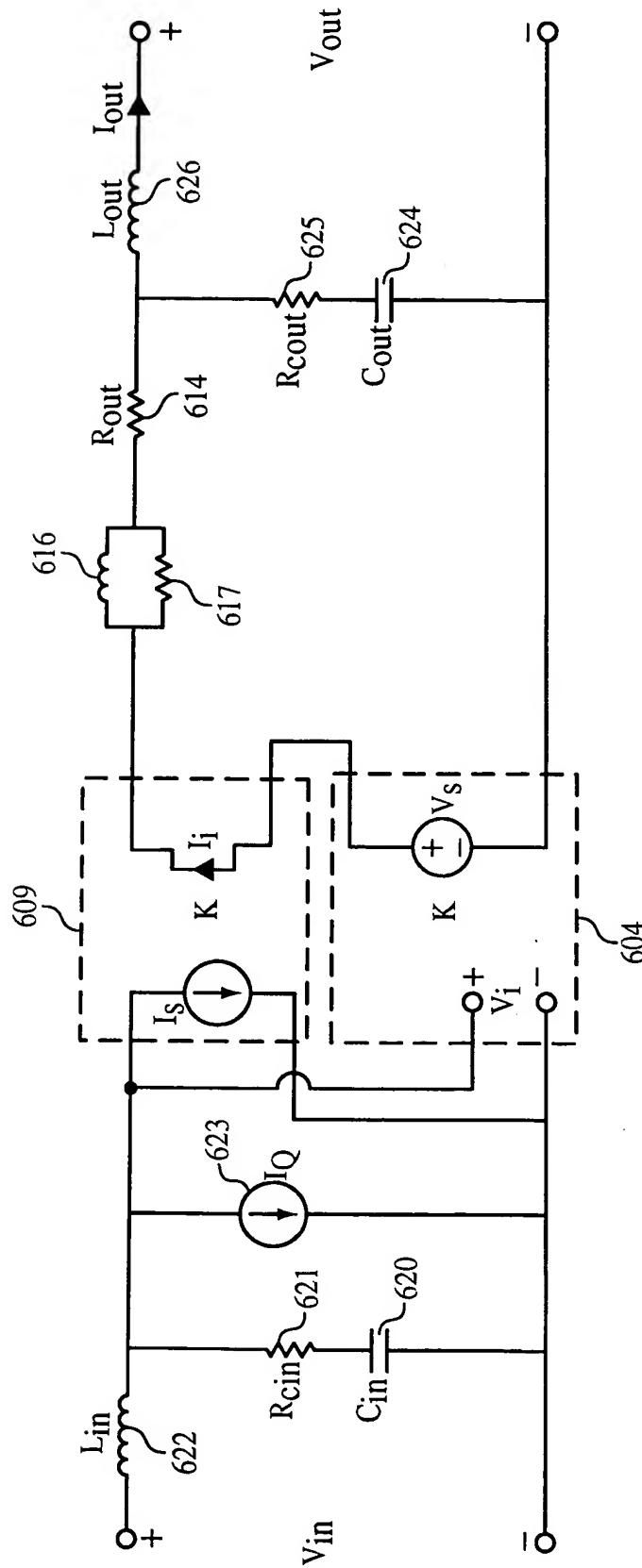


FIG. 59C